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# MASSACHUSETTS FLOUGHMAN

LINUS DARLING, PROPRIETOR.

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## AGRICULTURAL.

FAT pastures, fat cattle, fat farmer.

SLIPSHOD work brings slipshod re-

ing their party, right or wrong, ought to chance, but she cannot endure such be ashamed of not supporting their fam- treatment as the above without dire inily better.

the children interested in the farm. It and turnips and other roots. Keep is simply to give them a chance to make rams out of the pen. The water supply

Some western feeders are trying a new cattle food, made from the refuse pulp and molasses of beet su ar fa tories. Good results are reported.

investment on a farm located some dis- grade cows. tance from the town. The average A food that is good to make milk and This is not to deny that good fruit should be planted in a place and all but as it is apt to cause the root to be

THE best investment for a farmer is a little ready cash to pay for things on the spot. Why ask for credit when cash will obtain a discount equal to big interest for a year. Nothing but money in hand can buy at the bottom price.

cated. It is true that a hen will lay just in still greater improvement. as many eggs under such conditions, If there are odors in the dairy, no increase in this country.

do not lay their eggs when prices are by hard work and enthusiastic persist
The tree thrives well upon gravelly

If it is desired to start an orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in degrees to 70 degrees, and it must be My own farm is still in the results of the start and orchard in the results of the start and orchard in the results of the start and orchard in the start an highest while an early pullet does. An ence can success be reached. old hen moults late and takes her vacation until spring. She takes a longer vacation every year she lives. Some have adopted a promising branch of the Nuts intended for planting should be nut gives no trouble when it is once rapidly. vacation every year she lives. Some care when it is old hens, however, will lay pretty well stock business. They raise choice fam- kept buried in soil as drying will spoil started, but needs some care when it is of the product more than makes up for any extra cost in hardling and in keeping clean. These in winter. They are the ones from which to save eggs for hatching.

of the henhouse dry. If hens stand on are from \$75 up, or considerably more planters, and they sell well in the mar- to secure rapid growth. the damp earth, this cause alone is than the same grade of cow would kets. These large nuts have a fine apenough to stop laying. It will even bring in the open market. sometimes cause lameness. If the floor Our cut this week illustrates the ered with plenty of litter, and fresh ered with some little care after once started and made for the purpose. Our dumping cart is

## Money in Cucumbers.

A good deal of money has been made in raising cucumbers under glass. Many have tried to grow the crop and failed, but those who succeed in getting a good yield find the crop profitable. There are many fine points about the business which can be learned to some 178 DEVONSHIRE STREET, BOSTON, MASS. extent by interviewing the nearest grower.

> vided are as near as possible to those of the crop out doors.

The house must be kept warm; fiftyfive to eighty degrees. Soil must be warm, loose and rich. The best fertilizer---well-rotted manure. Hen manure thoroughly mixed with the soil is recommended. Also a little nitrate of soda to give rapid growth. Some growers have made a comfortable living from a cucumber house of moder-

### Stock and Dairy Notes.

Guernseys are becoming very popu-

Holding up the milk is the result of harsh treatment or taking away the calf. Quick tempered help are out of place in the cow barn.

Disease among cows is sometimes traceable to feeding badly fermented A JOB half done is a job to be done food and half rotten hay and ensilage. Other common causes are exposure to draughts and dampness, lack of any sort of ventilation, overcrowding and contagion from diseased animals. A Some men who are proud of support- cow would be healthy if given half a

To increase the flow of milk in ewes One plan above all others will make with early lambs feed plenty of bran must be liberal, and salt should be given occasionally. A favorite Canadian ration is boiled peas, oats and

In buying cows for the dairy do not is less prospect of over-competition.

KEEPING hens to lay eggs for market provement on their mothers, and may with nuts of the choicer kinds. In Ed-KEEPING hens to lay eggs for market provement on their mothers, and may purposes without a male, is often advo-

THE trouble with old hens is that they learn, and competition is keen. Only tively slow.

gin of profit is small, there is much to though the growth may be comparatively slow.

when cultivated chestnut trees will be inches to each other. sprayed the same as fruit trees.

The temperature requirements are the same as fruit trees.

A few of the farmers around Boston product will not be injured.

earth should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness, being learn the should be thrown upon the drop- be of remarkable productiveness. pings every morning, if these are not excelled by few others in this respect, that produce fine large specimens. An would be as reliable as an apple orchard, until wanted. setting as much fruit as the Parker Earle. The bed should have a plenteous wat- grown and of excellent quality. In Section 1 or chard, and more some years.

The bed should have a plenteous wat- grown as much fruit as the Parker or chard of first-class chestnuts will produce about as much value as an apple or conditions. There is a great future for they are taken, but none afterward under word to the drawing. Conting the morning before that on which they are taken, but none afterward under word in the purchase, because we have not yet had time to grow mearly all our own early all ou setting as much fruit as the Parker orchard of first-class chestnuts will pro- although not so large as when the trees The bed should have a plenteous wat- grades. Our herd which now numbers from stay on the farm. The boy who is well firmness and ability to hold up well in Doubtless there is much to be accom- chestnut culture. treated and given a chance, and does shipping, it is said to be one of the plished in improving the small varieties not like the business would be better somewhere else. To make much of a somewhere else are manured somewhere else. To make much of a somewhere else are manured somewhere else are ma not like the business would be better best, being suitable for shipping to dis- by the same methods that have been are drawn. If the seeds are manured thur Hudson, the milk inspector for Newton, even increase it. So we are satisfied that this is success at farming, a man must be fond plant is a good grower, being strong, mon wild chestnuts, by thinning out dairy business is the maker of poor butof the occupation and put some enthusi- robust and healthy. Its chief recom- the burrs are greatly increased in size ter. There is a kind of butter in the a vigorous start and continued strong The result was: percentage of butter fat, 5.075 asm into it. It is none too easy to make mendations are productiveness, firm- and an annual crop is made nearly cer- New York market that the dealers call growth till matured. money even then, but the man who ness and general adaptability to all tain. goes at it like a slave has a hard time. soils, whilst its good quality, partaking When trees are grown separately so rancid stuff revamped and sometimes What little money he makes comes out somewhat of the wild strawberry flavor, that the growth is symmetrical and stenciled creamery. Besides "Devilled" The early employer gets the pick of the same way, was: fat, 4.337 per cent: total increases its value for home use.





THE GARDNER STRAWBERRY.

## Money in Chestnuts.

Every year the fruit market becomes

is the one who makes the most profit. | culture and horticulture in which there | shoot up from old stumps. If the natu-

tive, and the crop is muca easier to gather. If it is desired to remove the burrs it can be done by means of long ladders and long handled tree pruners.

An excellent cross for dairy purposes is a Jersey bull with a herd of good A LITTLE blacksmith shop is a good

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A LITTLE blacksmith shop is a good sheep a pretty satisate phosphate. In starting a chestnut orchaid it is should be dug a full spade deep, and is best to plant the nut where the tree is should be dug a full spade deep, and is best to plant the nut where the tree is deep, and is the nut where the tree is deep, and is the nut where the tree is a great pretty satisate phosphate. In starting a chestnut orchaid it is should be dug a full spade deep, and well pulverized. The subsoil is best to plant the nut where the tree is detory arrangement. A gutter behind the animals takes care of all the droppings, and a cart passing behind the cattle twice a day enables us to keep the barn very clean. But, obliged petition in our markets will be intense. jured by transplanting. Several nuts applied at time of sowing if avoidable, ducts, and economy of production and in hand. as we are to keep our cows in the barn much of

ral nut is not good enough these sprouts

hillsides; rocks are no hindrance, for the very bushy land, the brush and trees kept to this heat.

pearance, but the quality is not equal to planted to advantage on almost any The time of drawing radishes is by no most literally without any pushing, simply by that of the small kinds. The grower farm with rough waste land. The cost means indifferent. They eat in the the quality of the milk itself and the oppor-

"Devilled" butter made from the dirty, rounded they are vastly more produc- butter, oleo seems almost honest.

## Radishes.

is a loam rather silicious than otherwise who know what good milk is, who appreciat

FOR FORCING.

It is very important to keep the floor they know to be all right. The prices eties are quite popular among chestnut around the trees for a few years in order desirable as crispness, flesh and good has grown to about sixteen hundred quarts a ening of a snap dumps it and it cleans itself desirable as crispness, flesh and good day, all delivered within a radius of three and a half miles of the barn, delivered twice a day

Our intention is to carry all the droppings

til subsequent to the drawing. Contin- chase we have in mind, so far as possible, quannous sowing can be made as the plants tity and quality both. At our request, Mr. Ar-

ANDREW H. WARD.

## THE PLOUGHMAN Farmers' Meeting

Bromfield Street, Boston, Mass. Class Market."

meeting to order he said:

wealth, but for the good living and satisfaction of the people. It has been my an open question whether this is economy, opportunity to engage in the milk busi- which is to be settled by the results of raising ness for fully half a century, and in that one's own stock and by the cost of so doing, time I think I have learned something from our own raising is far above that of the in relation to making milk for first-class average of the cows which we can buy. That families. People are not disposed to comes partly from the fact that the head of our pay for silk and only have tow. Many herd is Sir Michael Stoke-Pogis, son of Stokepeople are disposed to pay for a good Pogis 5th, the very best breeding for both qualarticle when they are sure of obtaining it. And when people buy milk for a first close article sure of obtaining it. A paragraph in last week's PLOUGHfirst-class article they want it, -not hap- MAN is in line exactly with our theories and our hazard, not occasionally, but every practise. It was to the effect that the whole time. The subject includes also the profit of the cow, and therefore the added value feeding and care of cattle, the sanitary of the cow, comes between the amount of milk that is required to pay her cost of keeping and conditions, and all the essentials connected with milk producing. But the if many of us really appreciate the difference chair does not propose to forestall the in value of the cow who gives a larger quantity lecture which we are to have, which I even where milk brings but two and a half or know will pay you all for coming.

West Newton, who spoke as follows:

MR. CHAIRMAN, LADIES AND GENTLEMEN: a lecture, but simply to talk right from my frame, the dome roof, giving two tiers winown experience. This may make the talk dows. Nearly one-half of the lengthwise surtended.

The soil best suited for this vegetable the words in their best sense, meaning people windows open without exposing the animals to price averages lower and lower. Im. In starting a chestnut orchard it is and rich in alkaline phosphate. It it, and are willing to pay for it. These people swivel stanchion, and has been a pretty satisfarmer is a good deal better at repairing tools and iron work than he thinks, if tools are a good deal better at repairing tools and iron work than he thinks, if tools are a good to make milk and the best sprouts thinned out.

The dairyman who makes first rate tools are a good to make milk and the best sprouts thinned out.

Sometimes an orchard can be started it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and of poor flavor. If employed it should be in a finely divided putres—a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and a good quantity and high quality of milk. The cattle should be kept in light, well-keeps and a good quantity and high quality of milk. The cattle should be a good quantity and high quality of milk. The cattle should be a good quantity and high quality of mil food and supplied with the best water. The covered with Neponset paper, clapboarded on milking should be carefully done, the milk well the sides. In that barn are ninety-two pens for A moderate hot bed is required with strained and quickly and thoroughly cooled. cows, each seven feet by nine. These pens judge them for quantity of milk alone; Fifty years ago hardly any one can be grafted to the better varieties by the mould made fine about eight inches if not to be delivered immediately, it should have no floors; we fill in first with gravel or thought of growing fruit as a business. the same method that fruit trees are deep, with a quantity of alkaline phos-To improve the butter output a Jersey or Guernsey bull is the best addition

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To improve the butter output a Jersey of Guernsey bull is the best addition of the property of Guernsey bull is the best addition of the property of Guernsey bull is the best addition. The sprouts should be thinned down to one or two as soon as they get to each 100 square feet of surface makes should be planned for the best possible results of the property of the property of Guernsey bull is the best addition. The sprouts should be thinned to each 100 square feet of surface makes should be planned for the best possible results of the property of Guernsey bull is the best addition. The sprouts should be thinned to each 100 square feet of surface makes of sand, and paning for the sprouts should be thinned to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible results to each 100 square feet of surface makes should be planned for the best possible p sey of Guernsey bull is the best addition to the herd. His calves will be an iminstead of being soft and corky. The principles should be applied which would be gases, by them, is a great advantage. In these

room and be trained low. They will eral up in less than a week, and in four things at Wauwinet Farm. I ought perhaps placed their food. As soon as they have eaten but for all that the plan is of doubtful value and those who try it often give it up. A lot of widowed hens prove control.

There is no place in the dairy busing the first of the plan is of doubtful gilt-edged butter will be made. A bad that manger, being hinged, is thrown up, caught shape, if not crowded or injured. The by a self-acting snap, and held closed. The watering must be given. The light watering must be given. The cows learn to raise that cover within the correct by a self-acting snap, and held closed. The watering must be given. The cover within the correct by a self-acting snap, and held closed. The watering must be given. The cover within the cove ness for half hearted work. The marin good soil, and bear good crops, al. years, and doubtless the time will come plants must not stand nearer than two young men seem to have, and it has always twelve hours after being put into the pen. Thus been my hope that I might some time retire our water and our food-trough are kept clean. The temperature required is from 50 from business, and be able to handle a first-class All our cows are supposed to be, and usually

My own farm is still in the process of evolu-I should supply him with milk rather than that Our cattle are mostly Jersey and Jersey

per cent.; total solids, 14.8 per cent. In 1897. at a time when we had largely increased the herd with fresh cows, we had another test made. The result of seven samples, taken in Some weeks ago a gentleman and his wife who solids, 14.496 per cent. At the same time we

took a sample of what we call "baby milk:" for we keep from five to seven cows from which milk is drawn especially for children, some of the physicians in our vicinity feeling Was held in Wesleyan Hall, 36 that Jersey milk is too rich for some children This milk, when tested, showed: fat, 3.96 per cent; total solids, 14.04 per cent. This will in-Feb. 12, 1898, at 10 o'clock A. M dicate that quality has had a good deal to do with the increase of our out-put. But in reach-Essay by George H. Ellis of West with the increase of our out-put. But in reaching this percentage we have not altogether sac-Newton, Mass. Subject: "The rificed quantity. I have not had an opportu-Production of Milk for a Firstnity, since I was invited to speak here, to go
through our books for the complete returns. But taking our best 21 cows for the year 1896 they averaged 7191 pounds, 15 ounces of milk. At the Ploughman Farmers' Meeting In 1897, twenty-three cows (not necessarily the held at Wesleyan Hall on the morning same) averaged 7476 pounds, 10 ounces. The of Saturday, Feb. 12, the above subject highest product of any one cow was a little was considered. Mr. O. B. Hadwen of Worcester, presided. In calling the Worcester, presided. In calling the Jerseys, in others from high grades; and in alcases, although we have not adopted the Bab-This is a very important subject, not cocktest, we know from our cream test that only to the industry of the common. the quality, even from these large milkers, is

It is our aim to raise our own stock. It is three cents a quart. There may be a difference of fifty per cent, or a hundred, or even 150 per Mr. Hadwen then introduced Mr. cent, in the value of the cows. Uati we fairly George H. Ellis of Wanwinet Farm, appreciate that and live up to it, we have not mastered the first principle of economy in the

production of milk.

I was always a firm believer in light and air. and in building I have aimed to cover these I have not proposed to read an essay or give points. My own barns are built with light seem, in a sense, egotistical. It is not so in- face is windows. And as one-half the windows tended.

In using the term "first-class trade," I use our best horse-stables, we are able to leave the rope nuts are considered quite a staple article of food and are cooked and served in various ways. Their use is bound to bear in various ways. Their use is bound to be sown on the surface and in various ways are kept loose. In one collect of the various ways are kept loose. In one collect of the various ways are kept loose. In one collect of the various ways are kept loose. In one collect of the various ways ways. are, groomed every day; there is literally no accumulation of filth. It is a little more labor tion. It began with two cows, Jersey grades, to take care of these cows, but the results warshould be cut and burned. The chest- Radishes germinate quickly and grow bought in 1890 of a neighbor, who desired that rant us in believing that the difference in the product more than makes up for any extra stock business. They raise choice fam-ily cows and sell them to customers them for sprouting. As to the best who keep only one cow, and are will- varieties, it is not easy to advise. The shade from other trees. If the ground growth is slow or retarded they are vertising, but being placed advantageously in so hinged that it is readily turned, and when ing to pay a good price for one which Paragon, Numbo and other large vari- can be worked it will pay to cultivate hard and tough. Large size in not as the centre of the city of Newton, the product filled it is driven on a platform where the loos.

> away from the farm every day, except in exceedingly bad weather. In the edge of a side hill we have dug and stoned a place into which and dumped through three scuttle-holes, which

these pens she will almost invariably recover and will go back to her usual flow of milk, or cows housed much of the time, an economical

It is our aim to keep the cattle so clean that there will be practically no filth in the milk pails, and our men are doing that work well

(Continued on Second Page.)

### FARMERS' MEETING.

(Continued from First Page.)

were visiting the farm asked to see the strainer- here. At the home farm in West Newton we cloth through which the milk of 143 cows had keep and milk 143 cows. At Kendall Green, our success at keeping things clean; she said eight cows, the milk being cooled with ice, that that strainer did not contain so much filth water. We only milk there through the winas she had seen, in her childhood days on a ter; in the summer so many people are away farm, from a single pail. And I should say the that we can supply our customers from the Every milker has his brush, and is supposed to stock and dry stock; we have at the present brush each cow before milking, but the cow is time thirty milch cows at Concord, dry. As also kent clean all the time.

storage room, which is lined with ammonia nomical production. pipes. In that storage room we placed a large One point I have not touched upon, in which

A gentleman said who called at the farm a few lature should to-morrow refuse to appropriate where it is supplied. weeks ago, "That milk is on the steady go from money for tuberculous cattle, I should continue the time the milker takes it from the cow until the tuberculin test in my herd. And this is

loned wagon, the cost being no more,

should be placed after they are washed, but a experience. thorough washing with boiling water pretty well covers the point.

mented in a small way it seemed to me that I about me is worth from \$2,000 to \$10,000 an Mr. Thatcher: There is one point, miles away, as pretty good milk! But Mr. Ellis: I have not succeeded at acre, and a man cannot farm on very much of it. regarding the care of the vessels, -these I did not want any such a person on my all satisfectorily. I shall expect to sucdeal of land, but very few of my cornfields are within less than three miles of my silo, and thus the cost is greatly increased. Then the land, even as leased land, is high: I have paid as much rental for single year as many of Mr. Thatcher: I meant, how do you spected, and they need it just as much Mr. Cushman: It is a kind of lottery us would pay for the full purchase price of land clean your milk vessels? a little way back in the country. A year ago Mr. Ellis: We have steam. We have barns, and they will do it before long, Mr. Ellis: It is a good deal of a lotjast summer I had one field of corn that cost, for market-garden, full of fertilizer, and we got a trays is heated and kept very hot in- I am a little disappointed, and per- Mr. Warren: Perhaps I can give a practically no more, except in harvesting.

I early came to the opinion that one must have ensilage to get full product from the cows. It was a great success. Two years after I cut who are able to begin on his methods. feet, making it 24 feet by 38 1-2 feet. I have gin on that method. I began with two floor through the alleyways in the very little in the winter; we don't feel never had experience with a square silo. We corn well glazed before cutting. Our food at Mr. Frost: It is no wonder the es. concrete if I could afford to, but I am there is snow or ice. Our cows are linseed meal, one hundred pounds cottonseed deal less, some of our heavier milkers someered a heavy feed; we do not so consider it; but we think that cattle will stand year in and the would be an expected by the world be and run his barns with each year and the would be a plant of the catty. Wishes to run his barns with each year and the would be a plant of the catty. Wishes to run his barns with each year and the would be a plant of the catty. year out on a feed like that.

which, in my young days on a farm, was never young men! thought of, and that is the necessity, particu-

ing in the afternoon. The cost of handling for the six miles is thus reduced to a minimum In our handling of the cattle there is one

thing more which may interest some gentlemen soon as two, three or four of these may be Our milk is carried at once to the straining fresh and ready to come down, one of our from the tank, which holds about forty quarts, purpose, takes as many cows from the home to come and get their milk. is a pipe running through into the milkroom, barn (the smallest milkers, of course) as may which is kept closed against the barn. The milk be ready at Concord, carries them over to Kenis strained as quickly as possible after coming dal Green, which is directly on the road to temperature thoroughly, we have adopted a re- them down to the home farm. That rotation complete plant, with a gas engine and a cold where the cost is least, and helps toward eco- place.

steel tank filled with brine, connected by a pipe many will not agree with me. I believe that to a small pump. When we begin cooling we the man who intends to produce milk for a disture of the brine is from 20 to 30 degrees; it is many others, that I will not go into it. But I pumped thro' the cooler, and the milk, coming do wish to say here that, from a business in at the top at 90 to 95 degrees, freezes at the standpoint, the opposition to the tuberculin jars keeps watch of a dairy thermometer, and tain from scientific journals and scientific controls the flow of the brine by a little hand men, the belief in the danger of tuberculosis, valve. We cool the milk to from 38 to 40 de. and in the necessity for detecting it, is growing bottle machine, and the work is done very rap. idly. We use the Common Sense jar, and the other than the physical examination, in which goes out immediately; a team is waiting at the mand is made, the contractor, without the in- if he handles it right. door, and as soon as enough is bottled the tervention of any law but the economic law, Mr. Hutchins: Personally, I feel very give the greatest yield of milk, and show, team comes up. Any milk that is left over culin tested cattle. And the farmer will then the use of ice, which is not very costly. And and he will have to do it at his own expense.

somebody is drinking it at the supper table,", not simply because my customers would exand that is pretty nearly true. In so far our conditions are different from most. But cooled the long run than those not so tested. My vetto a temperature of 40 degrees and held there, erinary bills used to be considerable; in the milk will keep a long time. There will be very last eight months I have paid out just two dollittle trouble with it if it is drawn from healthy lars for such services, in a herd running from In the delivery of our milk, we use the Par- earlier years paid \$150. The tuberculin test when there will be not only inspectors Would you go to Brighton or some sons low-down wagon, fluding that a man can has taken out of the herd the weaker cows that of milk in our cities, but there will be breeder, where would you hant up such

as well as tuberculosis. trays, the water of one of which is kept boiling might, most of the points that occur to me. sidered one of the best farms around, he would. bot. To my mind the ideal thing is a steriliz-ing plant, in which the milk-pails and jars we have, as to what we have learned from our

## DISCUSSION.

I have touched in various ways already upon chairman, Mr. O. B. Hadwen, an must say I had never seen anything so York, Vermont and from other sources. the question of economy. Economy in feeding is one of the things we all have to consider. It costs me a good deal more to make ensilage sion, whereupon Mr. Ellis stated his ing one of the farmers how often he satisfaction? than it w uid on an ordinar, farm, and until willingness to give the audience any brushed these cattle? "Oh," he said, "we I had figured pretty carefully, and experi, points desired in the handling of his never have a brush go near them once a Mr. Cushman: Can you tell us how farms.

must be handled with especial care?

steam heater.

two wash trays, and the water in these and I hope they will!

and clean in this very hot water. Even situated as I am, I can buy no food which Mr. Frost: I think we have listened will take its place. Even at its cost to me, it is to a very able essay indeed, and I think cattle are de-horned? cheaper than hay and grain. I built my first it is perfectly safe for the essayist to silo of the round pattern, obtaining the plans give the audience his methods, for I We buy them so occasionally. from the Wisconsin Experiment Station. It know of only two men in this audience that silo in two, raised the upper part twelve Mr. Ellis: Remember, I did not be-

cows. the present time is: ensilag e, thirty to thirty sayist sells his milk with the barns he in position where sometime I shall be housed the year around. We take care five pounds; grain, eight to ten pounds; clover has described, with their cupolas, etc., forced to give up these barns proba- of the fly question by taking out all the

hay, seven pounds. Our grain at the present and cleaned twice a day, and the milk bly. My first barn was built with a windows and putting in their place time is mixed as follows: one hundred pounds of 200 cows,-who can copy him? Who concrete floor all through. meal, one hundred pounds corn meal, four can go to work on his methods? There Mr. Samuel Cushman: I would like wire nail in so you can throw them hundred pounds wheat middlings, five hundred is also something a little sad to me in to ask, in case one was thinking of runpounds wheat bran, five hundred pounds dried this-a man who has got a competency, ning a farm, a rented farm, for one year, brewer's grains. Until recently we have used more than he wants, is doing the young and a dozen cows had been kept succesone seventeenth of the feed, and by bulk a good man a great injury to run such an ex. fully and properly on a small farm of deal less; but our ensilage not being as good as tensive business as he is running! It fifty acres, but the person that wanted usual we thought it best to put in corn meal- does not give young men a chance! to do this work realized that the stock Of this mixture we feed on the average nine Who is going to buy milk out of such was kept in an old and inferior way, pounds a day. Some of our cows eat a good sheds as the great majority keep their and he wanted to start in with the most what more. At our home farm we make no cattle in, after looking over the essayhay; but we have been able to buy clover hay ist's barns? Why, they would give two even if he only started with one cow,at a reasonable price, and are feeding that with cents more; I would! Then he lives in now, would you advise the average farfirst-rate results. This would not be consid- a very aristocratic part of the city. mer, who has no more capital than he One matter of economy we need to consider than they want, to discourage so many to buy a heavy milker, that would show

ways. Emphasis has been placed upon that recently in two or three of our agricultural first with the beginning of my herd. I high grade, and what breed would you papers; too much emphasis cannot be placed had only two cows. I have not the advise him to get? Would you advise upon it. Some of my ensilage is raised six competence that he thinks I have. If I every farmer, if he were going to have ment I bought a round stave silo, twenty feet had, I should not probably be running a silo, to buy this same silo you menby thirty, put it into the cornfield, filled it a farm. I began with these cattle in a tioned, and build it right on top of the there, and began emptying it almost as soon as hen shed-anybody here can do that. ground, and leave it in the field nearest we had filled it. A team starts early in the When I bought these two cows I speak where he produces his corn? morning loaded with manure from the barns; of, I started in to use it. Mr. W. H. Mr. Ellis: As to the silo,—No, I after unloading in the field the wagon is thoroughly cleaned, loaded with the ensilage from Bowker whom I happened to meet, said would not advise it in that way, for the the silo, and reaches home in time for the feed- to me, "What are you doing?"

fifteen feet wide and forty feet long. I reason it is necessary. the cattle in that shed that we laid the the stave silo? foundation of this business. In that Mr. Ellis: No. sir, not for one or same thing. It is practical to keep thing clean. home farm. At Concord, we have our young shed, which we kept well whitewashed, two years; he could not afford to.

from the cow; It has hardly lost a particle of Concord, drops them there, takes from there tions for 159 cows. Those barn accom- dation for a business, a permanent business. ts temperature as it comes through on to the the same number of those that are nearly dry, dations with the whole fittings, every- ness, and the question presents itself to cooler. We use the Star cooler; and instead of goes on to Concord and drops them, loads with thing, have cost me less than \$12,000. you quite differently than as if you were running water through it, wishing to control the the three or four fresh milkers, and brings This is not a very high price per looking for retail customers, when qualtemperature incroughly, we have adopted a refrigerating process. Last summer we put in a enables us to keep our dry stock and our calves cow. That includes every fitting in the ity would count for a great deal more.

start the pump, and the brine circulates from criminating trade must have his cattle tuberthe pump to the cooler, then back from the culin tested. My own position on this matter which it comes, and with the quality, you know what you have got. You can cooler into the top of the tank. The tempera- is so well known and is so antagonistic to are we doing damage with reference to trace back to the ancestors. farming?

bottom of the cooler if we allow enough brine test has been very seriously overdone, and will tively easy matter to educate the people Mr. Ellis: That depends: There are to go through. The man who is filling the react. From the best information we can ob- in our cities to use very much larger pure bred bulls, and-pure bred bulls. quantities of milk, and that education This question is pretty hard to answer grees. The milk runs steadily from this cooler instead of decreasing. The time is not far dis. into a Child's bottling machine, not being tant when the first-class trade will demand of the apparatus for keeping our nilk to a man who was to take your milk allowed to accumulate at all. We use an eight that milk shall come from tuberculin tested cool, it is fine! I appreciate that the would be as good an animal as I think common farmer cannot do that, but he you could purchase. jars are instantly capped. Nearly all our milk I have almost no confidence. When that de-

team is loaded and goes off, and the next will find that he must have supply from tuber- grateful to Mr. Ellis for coming in here according to records, the greatest profit? team comes up. Any milk that is left over cum tested cattle. And the farmer will then is put at once into this cold storage room, the find that, while the contractor will not take his temperature of which is kept at or below 40 de- milk unless the cow is tuberculin tested, he was thirty years younger, that I might get the high priced cow? grees. This absolute control of the tempera- has educated the legislature up to the belief take the lesson. I think we ought to Mr. Ellis: It depends somewhat upon ture, I realize, is not practicable in smaller that tuberculin is a humbug. He will have to be very grateful for what he is doing in the price he gets for his milk. Every That brings our milk almost to the customers. past. From my own experience, if the legis of our milk, and in every community three cents a quart, for the milk, or ap-

Boards of Health, and you know his than \$40 difference. deliver a great deal more than with the old-fash- would have been susceptible to other diseases inspection of our herds. It is not first-class cows? show me two or three herds of cattle, and took me to the barns. With con-At the close of Mr. Ellis's essay, the siderable experience in looking at herds, year." That milk is sent into a city five you succeeded best?

Mr. Ellis: We have a Winchester I believe not only should we have stock, notwithstanding they cost our herds inspected but our barns in- considerable more. as our houses. They need to go to our to go into it?

tremendous crop. It is better for me to pay deed. Our bottles are washed in these haps I am glad, that Mr. Ellis did not little information in this silo business. that price for land near home than to take land trays, and so are our milk pails. We speak more upon the construction of Silos are not adapted to a person who fit for building purposes. 8 room house that has been offered me for nothing, some little haven't the ideal thing in my mind, as barns, for I am interested especially in is going to keep a few cows. I have spring water in house, Barn 22x40. There is a matter wherein I think we have been yet. We should have a sterilizing this. At the same time I am glad, had some experience in this. To feed for cows.

Mr. Hutchins: Do you have a cellar under your barn?

Mr. Ellis: No, sir. There is a wooden

it is too bad for men who have more as he goes along, would you advise him the greatest profit, according to the milk Mr. Eilis: I really wondered what of the Babcock test? Also, would you greatly alarmed at his condition. My

I said, "I am just putting in a floor." frozen ensilage, and I do not believe a He said: "Don't you do it! Put stave silo for continuous use economiyour cows right on the earth." Any- cal. Theoretically, it can be easily body can do that. This hen-shed was moved when the time comes, if for any

milk came from, and were sufficiently is pretty hard to answer. It depends well pleased with the surroundings to upon what you are going to do with tank, which is in one end of the barn. Leading heavy teams, a low-down wagon built for the tell their friends that that was the place your milk. Sell it at the door, to a nice class of customers, or how? If not, then When you come to talk about barns you are not selling to the customers with cupolas, I have barn accommoda- themselves, you are not laying the foun-

I should not, under these circumstances, Now, query: When we educate peo- purchase thorough bred stock, unless ! ple, as we have done in Newton, to use could buy just as cheaply. The only much larger quantities of milk, because advantage in thorough bred stock is to

My own belief is that it is a compara- pure bred bulls, they would be all right? has got to start with the farm, and with and a grade cow that would give milk

Would you buy the cow that would

datries; but you can very nearly approach it by have his cattle tested in order to sell his milk, improving the milk for any one city, man must figure that for himself. It the use of ice, which is not very costly. And and the will have to do it at his own expense, this refrigerating apparatus itself, once installed. For if he comes to the legislature asking for what he is doing in Newton will she will give you four quarts more a payment he will belie his own position in the have to be done sooner or later with all day than the other cow, and you get proximate, that is, twelve cents a day I spent a week or two not long ago which would be from \$36 to \$40, that with Professor Sedgwick, who, you would represent the profit in one year.

250 to 300 cows, where I have sometimes in supply. I believe the time is coming cows, where would you get them?.

For washing the jars and milk-pails, we have I think I have now covered, not as an essayist long ago I went to a farm in Massachu- Mr. Ellis: If there is any one here a Winchester steam-heater, with two wash or a lecturer would have done, but as a farmer setts to hire a man. This place was con- that can answer that question, I wish

Mr. Cushman: Which is the best?

Mr. Ellis: The best you can do.

and tools. 37 acres, 12 cu tivated, 25 timber

of cattle you have got to feed more enkeep it from spoiling.

any out-door exercise?

Mr. Ellis: They do in the summer, large barn. I should have made it safe in letting them out much when blinds, which are hung by driving a (Continued on Eighth Page.)

## A LITTLE SUFFERER

Face, Hands and Arms Covered With Scrofulous Humors - How a Cure Was Effected.

"When five years old my little boy had they would break out again. They caused intense itching and the little sufferer had from scratching the sores. We became wife's mother had had scrofula and the only medicine which had helpd her was Hood's Sarsaparilla. We decided to give ment in his case very soon. After giving him four bottles of Hood's Sarsaparilla WILLIAM BARTZ, 416 South Williams St., South Bend, Indiana.

been strained. The lady congratulated me on five miles away, we are now milking twenty- did go to the expense of taking out the Mr. Cushman: Suppose a farmer glass and boarding it up. It was with rents a farm, would it pay him to buy

our customers came to see where their The question you asked about cattle

Mr. Cushman: If they are bred from

BOOK OF CO THE BOOK

Mr. Cushman: How have you done?

Mr. Ellis: All ways. Mr. Ellis: We have bought in New

ceed better when we breed our own

tery.

mistaken: it pays to heavily fertilize land, and plant, in which all these vessels should because I hope the editor of the Plough- ensilage unless a person has at least condition. Spring through farm. Fruits to grow a large crop, the cost for labor being be placed after being washed. But MAN will arrange for a paper or talk eight cows or more, would not be good all kinds for home use. Stock consis s of 150 laying W. Wyandottes, W. R. C. Legeverything is washed and kept bright on the proper construction of barns policy. On these grounds, in feeding horns and Buff Leghorns, 1-300 and 1-200 with a silo, you don't want to feed too Egg Incubator, Lamps, Charts, Testers, etc. I want to ask Mr. Ellis whether his much. If you have only a small herd Borse, new milch Cow, harnesses, wagons, sleigh, hay and other feed sufficient until miles to village, post office and station: 2
lines railroad, 10 miles to Holyoke, Chicopse
and Northampton markets: 25 miles to
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178 Devonshire St., Boston. next crop, and farm tools of all kinds; 21-2 Mr. Ellis: Never, with my consent! silage than you ought to feed so as to miles to village post office and station : Mr. Hadwen: Do these cows have

was worst on his chin, although the sores on his cheeks and hands were very bad. It appeared in the form of red pimples which would fester, break open and run to be watched continually to keep him it to our boy and we noted an improvethe humor had all been driven out of his blood and it has never since returned.'

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L grass, <sup>3</sup>/<sub>4</sub> plowed, balance not cultivated;
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The breeding stock should be mated soon, say about four weeks before you begin to save eggs for hatching.

It is not fed so much as it ought to be.

incubator. They will hatch, but the over a lot will quickly pick up all the have been allowed to stay on the hive make a living, or at least a profit, out chickens are not so vigorous as those sharp gravel, thin out the insects and till all of the cells were scaled, except, of the sale of milk, and these naturally

become very dirty and offensive. No floor is so good as earth if it is only dry. It should be covered with litter. Here is a nut to crack for the origina-

tors of new breeds. Give us a hen that will lay as' many eggs as the Leghorn, and those eggs dark brown and a size

appetite.

an eighth of a pound.

floor and roosts, will help sweeten the hen as the farmer. hen-house. It should not be mixed with the droppings as it will injure their quality for manure.

There is no gold mine in the hen make a big thing the first year had bet. of the fermenting manure will start than the surrounding air at any time, and my possession through mere accident. nent third, but a proper application of ter not try at all. An impatient man them to laying very early. Ducks are this room might have been colder than I figured in this wise: Any cow that is out of place in the hen yard.

Stamped eggs are becoming quite a feature in the city market. The name of the producer is stencilled on the egg, food as hens, but with more meat, soft with the suitable warmth, 1 can not than we need, but by having them fresh sometimes also the date of shipping. These eggs bring a fancy price.

A Langshan male is excellent to improve the quality of common fowls. A not endure damp quarters in winter any little service if said room is so tight and prices than are obtained in many seccross of the Langshan with any breed better than hens. Cover the floor with close that no draft of air can carry off tions of the country. A small breed imparts wonderful vigor, and the cross litter. breeds make good general purpose fowls, great layers, and the flesh is of extra good flavor.

There is money in raising young geese for market, and those who are dis- is a peculiar fashion. The English the honey; and the larger the pile of lay on flesh, but give a quantity of rich satisfied with the low prices for chicken consumers will pay more for a dark honey stored in the room the greater milk; hence they suit my own wants meat, might find it worth while to ex. shelled egg, so will the people of Bos- should be the draft or ventilation. If best. But certain things, such as time periment with geese. No other fowl ton and some other American cities, but you had such a warm, dry, well-venti- between breeding, time of drying off, will make so much valuable meat, with New York and some of the Western lated room to store your soured honey in, and a number of others, when once esso little trouble, in so short a time.

Selecting the best layers is bound to work wonders . ith all the breeds. Already some of the breeders are beginning to give less attention to feathers and other fine points and more to shape. vigor and egg production. Some of the strains are already celebrated for producing a large number of eggs.

Winter eggs are one of the most concentrated products of the farm. A big basket of eggs in November will bring in about as much cash as a load of hay. It is the concentrated products that pay best and exhaust the farm least. Every load of hay sold nakes the farm poorer, bred males than the facts will allow. called good honey any more. The best eral hours. By that time she is more

light Brahmas, the great trouble is duce good stock for practical purposes. ing until sufficiently thickened, allowwith giving the fowls too much food Many excellent laying flocks have been ing the bees to clean out the combs, or temperature as it comes from the udder. and too little exercise. Dividing rations the result of such matings. Still the feed the honey to strong colonies right I have never found anything more conin half and making them work for it is results are not to be wholly depended from the combs, when in either case the venient to begin with than a clean tin the proper treatment for laziness and upon, and an inferior mongrel fowl is combs will do for "bait" sections the washbasin. One of the family milks to much flesh. Give them low roosts sometimes produced. It is better to next season, after being levelled down the cow, and as soon as about a quart and low nests, and change the diet m te the cross-breds back to pure breds. with the comb-leveler or an uncapping- is drawn I begin to personate the dam,

the same type is really less than be- vigor. tween individuals of the same breed. That is to say if you wish to introduce new blood of the egg laying breeds, it

business commence by building air set in February and March get chilled the questioner, and did just as he did the bottom of any clean vessel in which castles. They are inclined to rely too before the hen is trained to set. Be sure in putting the sections on the floor, the milk may be brought, and when it much on the experience of others and that the hen is well started before she When I came to crating that honey I cries 'mah' it is not calling for its ma, what they have read in the papers. gets the eggs. Stale eggs, if they hatch found that those next the wall of the but its maw is calling for ma. Some of them are not even fond of will produce weak chickens. Beyond room and the floor had soured, and the Cleanliness and godliness are said to working among hens, but expect to all, the eggs must come from vigorous honey was bursting from the cells, be akin, but for success with calves, hire all the work done. These people stock, which has been exercised, kept while that higher up in the room, and they must be twins, otherwise scours are the four out of five who conclude in healthy condition and not over-fed. out from the wall, had not grown thin and other sours are sure to be ours. In that poultry farming doesn't pay very

Idleness is the cause of mischief in the henvard just as in the human world. no time to learn feather pulling, comb- the fowls have been overfed, or not \_\_\_\_ picking or egg eating. Hens which been supplied with grit. The result is them busy.

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cows yield greater returns with it than twenty-five without it.

P. M. SHARPLES,

West Chester, Pa. Omaha, Neb. Elgin, Ill.

Hens will sometimes do better the In the lists of grains for poultry, first few years they are kept on a place having many unsealed cells can not be The dairy, whether it consists of one buckwheat deserves a very high place. than afterwards. Then trouble results called "salable" as compared with nicely or a hundred cows, seems to be an in-Pullet eggs are not the best for an are missing. A hundred hens roaming kind, and such unsealed honey should the life of a farmer. Some seek to

### Poultry in Town.

Air-slaked lime dusted over the walls, man is likely to make as much profit per condition for some length of time.

### Ducks in Winter.

place for ducks in winter. The warmth idly if allowed to become much cooler class, and my Jerseys did not come into female in the flock will lay every day for well ventilated it would have helped than we need. No cow in existence digestible; hence I endeaver to have food and vegetables. Give them three see what hindered the honey from evap- about six months apart, the family will

## Color of Egg Shells.

cities prefer a white shelled egg.

in small towns color makes no differ- them try their hand at making it mar- and hence have no trouble with their ence, but size and freshness are the ketable again; and while they will dry holding up their milk nor with subsemain considerations.

## Breeding Cross-Breds.

always worthless, and cross-breds to extract the honey and keep it for feed- calf is more ready to utilize it to the With those who keep Cochins and mated with cross-breds will often pro- ing purposes, after scalding it, or cook- best advantage. Particularly at firs', it If this is done many of the chicks will knife.

## Eggs for Hatching.

will not matter so much whether you A great deal of the trouble with early emphasize those words, so that no one ing void, and it has no other swallow get Leghorn, Minorca, Spanish, etc., set eggs is in the eggs, not the hen. will ever place nice section honey di- to unlearn, and more swallows come as that you get a vigorous specimen of The fresher the eggs are the better, rectly on the floor of any room. When thick and fast, though the thermometer a strain that has been selected for eggs. They should be moderately thick-shelled I first commenced keeping bees I used a stands at zero. In two or three days Too many beginners in the poultry and of only medium size. Many eggs room quite similar to that described by the calf will need no coaxing to expose

## Hen Dyspepsia.

## APIARY.

Cause of Sour Honey.

funnier it seems. No- capped cells of honey souring and run- tions, above and below, and between. tell-tale fibrous matter to cause the trouble with the room or with the honey? Culture. What can be done with the sections to make them salable?

Answer .- In the first place, sections

cellar. Any room, or article in such of a year. and clean it up, even if they have to re- quently weaning the calf. As soon as move the whole from the cells and re- dry the calf is removed to an empty deposit it again, still it is an unpleasant stall and given a chance to accumulate job all the way around, and at best the a little worldly appetite. As one pre-Often a little more emphasis has been honey never looks as nice as it did when caution against the retention of the placed upon the rule not to breed cross- first removed, and in taste it can not be afterbirth the cow is not milked for sev-It is not true that the second cross is thing that can be done with it is either willing to have her milk drawn and the

The difference in the best breeds of be like the pure bred but with increased But I see I have failed to notice one that I feel like adding an 'n' to the role very important point in this matter. I am playing. 'One swallow doesn't You say that, when you took the sec- make a summer,' but the first natural tions from the hive, you "spread them swallow a calf makes means success. on the floor," italics mine, for I wish to This swallow gratefully dispels an ach-Charcoal is a simple medicine. It the same spread apart enough so that begin to take advantage of that same

Jerseys were Brown Bessle and Merry Maiden, owned at Hood Farm. Young stock, partaking best fill the bill. Oatmeal is the better but here linseed meal is the cheaper of the blood of these great winners, generally on hand for sale. Correspondence, solicited. Address HOOD FARM, Lowell, Mass.

Jerseys were Brown Bessle and best fill the bill. Oatmeal is the better but here linseed meal is the cheaper and the solubility of its 'jelly' makes and the solubility of its 'jelly' makes and the solubility of the solubilit

raised up a foot from the floor. When we farmers are. Put a little linseed another tier of sections was to go on meal in a coarse cloth, place in some top, strips were placed between, and so vessel, pour on some hot water. While on clear to the top of the pile, and in still warm squeeze out the jelly and this way there was no hindrance to the save residue for hogs or poultry. Put Question .- What is the cause of un- air from circulating all through the sec- jelly in the milk and you will have no

thing can place your dairy on a profitable ning out of the cells? When I took the All these are little matters; but the calf to suspect the honorable calling of these little matters; applicable the farmer. basis as quickly and sections off the hive I spread them on the whole of these little matters, applicable the farmer. as permanent y as can floor in a low room next a roof, which to every phase or part of bee-keeping As a rule, in about two months we a Safety Hand Ser- had one low window toward the west, life, when put together to make one veal the calves, which according to cir-ARATOR. Twenty and a door opposite the window, which great whole, make all of the difference cumstances, bring us between five and opened into another room. I thought I between success or failure in our be- ten dollars. To keep a spring calf much had a nice room in which to keep my loved pursuit, according as we under- longer generally means less pay for honey, but it did not keep. Was the stand and use them .- Gleanings in Bee more expense. With pasture no ob-

## The Dairv.

because some of the things they need capped honey of the same quality or separable and indispensable adjunct to older sister is disposed of, as young kill the grass. Then the egg mill fails perhaps a few bordering on the wood select cows giving a large quantity, reto work so rapidly, and combs become around the outside of the section. When gardless of quality, so long as it comes I believe in thoroughbreds. I have Jerpale. The keeper, who depended on thus capped, honey is not as liable to up to the standard fixed by law. Some seys, and care for them as Jerseys should nature at first, must then study the sour as is that which is unsealed. Thus strive to attain the same end through be cared for. Had I Shorthorns, I wants of his fowls very closely and sup- it will be seen that a part of the trouble the sale of cream, either in its original would feed them otherwise. ply them. The best plan is to give came from taking the honey from the or manufactured condition, and they them more room, if room can be had. have before it was ready, or "ripe." strive to get cows that will give them Then there might have been some the most cream for the least expense. trouble with the honey, for I have no- Others keep cows for seemingly philan- as much bran as will equal two-thirds ticed that certain kinds of honey, like thropic reasons only, for the kind of the weight of clover, according to the For those who have only a small lot apple-blossom and dandelion honey, will cows they keep, and the sort of care needs of the individual animal. This The hen of medium size for the breed in a city or town, poultry is the only not ripen up in the same room in which they give them, indicate that they are is usually the best layer. She is of ac. kind of live stock that can be kept to clover and basswood honey will grow paving the way for living fees for the nutriment. With cow-pea hay the bran tive disposition with healthy red color good advantage. With a neat enclos- better all the time. Then in certain sea- poverty-stricken sheriff and his poor in comb and wattles, and has a good ure of wire netting and nicely painted sons the bees will seal up honey very deputies, with families of fourteen starvhouses, covered with vines in summer, much more unripe and thin than they ing children. Still others keep one or hay, &c., cottonseed meal or linseed do vast good." Third edition Eggs that are too small injure trade. and a flock of hens of uniform color, do in other seasons; and the more un-Eggs that are extremely large cost too the city henyard is ornamental as well ripe honey is, when capped over, the their own families with an abundance counteracting objectionable features of much to produce. Strains should be as practical. If the common mistake is more liable it is to deteriorate in a of the nourishing and necessary prodselected to produce eggs weighing about not made of trying to crowd in too room in which thoroughly ripe honey ucts of the cow at the lowest possible change of food is highly desirable, as remany hens, the town or city poultry- would keep in comparatively perfect outlay, with an additional eye to business in the shape of disposing of the believe in a single ration because it But all honey will usually ferment, be- surplus, which, if properly managed, is gives them good results. A man may come sour, and eventually run out of the pretty nearly all clear gain, and many cut a large quantity of wood and grind cells, if kept in a damp cool room like a dollars does it foot up during the course his axe only once. How much more

The barn cellar basement is a good room, will draw or take on moisture rap. I number myself among the latter Analysis of food is one thing, digestibilgreat layers when they once get started, the surrounding rooms, hence attracted will give us butter in sufficiency and to Succulent food, besides being of a quasiand under favorable conditions every moisture to it If the room had been spare will be sure to give us more milk medical nature, renders dry feeds more some time. They need about the same much; and had it been thus, coupled will do this at all times. Two are more such in some form.—Practical Farmer. good meals a day when laying. At orating all right. I have found that a have a constant supply and we can though ducks are a water bird, they can. high temperature in a room is of very readily dispose of any surplus at better the moisture. Consequently honey needs less food for the maintenance of should not only be kept in a dry warm life than a large breed, and the food room, but there should be enough ven- consumed in excess of this is converted tilation in and about said room to carry into a marketable product, flesh or The preference for color of egg shells off all moisture which evaporates from milk. Jerseys are small, do not readily it would in all probability thicken the tablished, are very difficult to change. The dark eggs do not average better honey again, but would hardly make it So I started with calves three months in the slightest degree than the others, salable; for honey which has once old. I endeavored to train them accordand the pearly white ones are no better sourcd will never become fit to put on ing to my own notions, and they have from the color of their shell, yet the the market, unless one cares nothing for proved so satisfactory that I would not fashion must be taken into account in his reputation or for the good of the exchange them for animals that would raising eggs for shipping into large market for other bee-keepers. I have bring double their price on the market. cities. In catering to the local wants returned such honey to the bees, and let I never allow a calf to suck them,

and it is only with exceptional calves,

or watery at all. I took the hint at the first week we take pity on its ignoronce, and the very next year found me ance of the ways of the world and give with a temporary platform fixed of slats, the same spread apart enough so that Hens which are kept scratching over ought not to be needed in a poultry the edges of the sections would just ignorance, and gradually, but surely, itter and earth for their food will have yard, but it often is required, because catch on them, said platform being substitute skimmilk for whole milk. We may fool the calf, but the calf won't been supplied with grit. The result is indigestion and sour stomachs which the charcoal will correct. It is a good a variety of food including meat and vegetables. Keep them always a little bit hungry until the last thing at night and always have something to keep them busy.

Hood improve your here by introducing the best blood that can be found. The World's Fair dairy tests proved the economic superiority of the Jersey breed once in a while and give them charcoal in this agreeable form; take old dry corn and bake it in a hot oven until it is black to the cob; feed it fresh.

Hood improve your here by introducing the best blood that can be found. The World's Fair dairy tests proved the economic thrive, we will have to substitute something for the cream thus surreptitiously abstracted. Oatmeal and linseed meal in this agreeable form; take old dry corn and bake it in a hot oven until it is black to the cob; feed it fresh.

Jerseys winners, generally on hand for sale. Correspondence, sollcited. Address HOOD FARM, Lowell, Mass. other deception easy. What rogues jong fool us, and if we would have it

ject, I would rather keep an early winter calf two years than a spring calf one year. We aim to have a young heifer on the way in case an accident should befall one of our cows. When another

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es and mothers. "Words fail to describe my suffering before ook Dr. Pierce's Favorite Prescription and Pleasant Pellets," writes Miss Lulie S. Hardy f South Seabrook, Rockingham Co., N. H. " ould hardly wa'k across the room. I had at beess on the fallopian tube that discharges hrough the bladder. It left the bladder in at rritable condition and the uterus inflamed, ad an awful burning in my stomach; no appet ite, wasting drain; constipation; excruciating

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BOSTON, FEBRUARY 19, 1898.

Persons desiring a change in the address of their paper must state where ing payment of the war indemnity from the paper has been sent as well as the China. Japan, however, is in need of the new direction.

## MASS, PLOUGHMAN FARMERS' MEETING Saturday, February 26, 1898, 10 A. M

Essay by BENJ. P. WARE of Clifton, Mass. Subject, Taxation.

The next MASSACHUSETTS PLOUGH-

we have usually confined ourselves to tions on the course and public character those which have been strictly agricul- of President McKinley. Moreover, the tural in their nature, relating more writer intimated doubts as to the success especially to the methods and principles of autonomy and showed insincerity in of farming. The subject chosen for our the reciprocity negotiations which he had next meeting is a slight departure from been conducting with the United States our usual practice, but it is one of much Interest to the farmer, especially at this to have obtained possession of this letter time, in view of the bill now before the in Cuba in some way which it did not see legislature which, if passed, will greatly fit to explain. At first the letter was reaffect the farmers' interests. There has affect the farmers' interests. There has been much discussion on the subject, and learned that it was really the work of the there will doubtless be no lack of it at the Spanish minister, who confessed to havmeeting. The speaker, Mr. Ware, is well ing written it. As he had, by his expresknown to all agriculturists in this state, sions concerning the President, put an and he will speak from a wide knowledge end to his usefulness in this country, cur of the subject, and what he will have to Government demanded his recall by say will be worth listening to. Many Spain; but having obtained some hint of who have studied the subject thoroughly will be present at the meeting, and all cabled his resignation to Madrid. The who are interested in it will be cordially resignation was immediately accepted. welcomed.

ONE thing is better than enterprise and that is judgment. Persistence succeeds better than haste.

ONE good acre is worth two poor acres, four poor acres poorly farmed.

Now that the catalogue season has begun, the old warning is timely; in trying It was feared that the De Lome incinovelties try but few, and those on a dent would arouse the more radical elesmall scale.

farm as to be obliged to do by hand what Monday, however, indicated that the Rethe neighbors' boys are doing by machinary and horse-power.

is better worth the highest price than to at the same time leave him unembarhave a poor one for next to nothing. A rassed. good way to get an intelligent enterpris- The situation is a delicate one, as the farm papers.

links which is often long enough to pull States. the farm out of the slough of unprofit-

difference between happiness and misery. out notice, and an inquiry to the Spanish John Growler thinks it is always raining government through Minister Woodford or else getting ready to rain. Farmer has been made as to whether it avows or Cheerup thinks it is always sunshine or disavows its late minister's utterances. getting ready to shine.

a little better.

THE old rule is that every town can support as many market gardeners as it does butchers, and as many fruit growers Wednesday morning to the effect that the as it does market gardeners. A good deal battleship Maine, which was anchored in depends upon the man in the application the Havana harbor was wrecked by a of the rule, but there are still many fine terrific explosion which, it is believed, chances around our New England towns has totally destroyed the vessel. Many

many country people is only equalled by have no idea what caused it. The Maine the delight with which the average city was anchored in Havana harbor directly man dwells upon a pet project of retiring under the guns of Morro Castle. Later to country life. The idea which the ma- reports from Havana were to the effect jority of people have, that they are mis- that as many as 250 of the crew were fits where they are, is generally purely killed and probably two of the officers. imagination. But of the two classes of Commander Sigsbee was seriously inillusions, the longing for a country life is jured, receiving a wound in the head.

happened to be low. The shoemaker made. Of this the Grand Trunk is re- on the person and not on the property as way." His idea was for an unpaid comsticks to shoes and the wise farmer sticks ported to have secured 500,000 bushels; property on which the mission, which should report to the next bill. He did not see how it was possible to the crop that he understands best, the Nickel Plate 500,000 bushels and the tax was apparently levied was simply an Legislature. He admitted that his idea for the contractors to do the work, and whatever the quotations in market. The Lehigh Valley 500,000. The cereal will evidence of the ability of the owner to was the supplanting of the Board of Agtime spent in learning to grow something be carried on a through rate from Chi. pay his proportional part of the expenses riculture by a small agricultural commisnew might be put to better purpose in cago to Liverpool, so it cannot be ascer- of the state. From careful research and sion. learning how to grow the old crop cheap- tained what proportion will accrue to the best information he could get, er and of better quality, and in getting railroads for hauling to the seaboard. he figured that the average value of hold of the very best markets within The Chicago Chronicle says: "It is the farms in the state was over \$4000 on agriculture on Tuesday in regard to Whiting told the committee quite a story

Cuntry than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years do tors pronounced it a local disease, and prescribed local remedies, and by constantly failing tocure with local treatment, pronounced it incurable. Science has proven catarrh to be a con-titutional disease, and therefore requires constitutional disease. science has proven catarrh to be a con-titutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken thority that every prominent eastern line internally in decrease. F. J. CHENEY & CO., Toledo, O.

### CURRENT TOPICS.

A report has come from the Far East that China is no longer in need of the good services of either England or Russia, as she will not require a loan, Japan having decided to remain permanently in occupation of Wei-Hai-Wei, instead of forcmoney which she had expected China to pay her, as she has been adding largely to her naval forces and was intending to pay those obligations with Chinese money. If Japan should hold Wei-Hai-Wei permanently however, it will act as a check upon Russia's encroachment upon the Chinese empire.

A sensational incident in our relations MAN Farmers' Meeting will be held at with Spain has been the publishing of a Wesleyan Hall, 36 Bromfield St., Satur- letter from Senor Dupuy de Lome, Spanday morning, February 26, 1898, begin- ish minister at Washington, addressed to ning at ten o'clock. Mr. Benj. P. Ware Senor Canalejas, a distinguished Spanish of Clifton, Mass., will speak on Taxa- journalist recently in Cuba. The letter, written with all the freedom of a personal In selecting subjects for our meetings, correspondence, contained severe reflecgovernment. The Cuban Junta claimed the coming publication, he had already De Lome was out of office when the United States minister, General Woodford, presented our Government's demand for the recall of the offending minister. The incident is now closed, but the effect of the letter on the Cuban question remains and one good acre farmed well is worth barrassed by its publication and its state-

ment in Congress who would insist on more aggressive measures towards Spain. The FEW things so disgust the boy with the action of both branches of Congress on publicans have entire confidence in the

sidered unworthy of his notice, but the done within the next ninety days. references to Cuban automony and reci-THE point of view often makes all the procity could not be allowed to pass with-

To this Spain replied that throughout all negotiations with the United States. WORKING in the manure cellar is the the government had acted in good faith, only winter job that Farmer Slack has for and that the instant acceptance of De the hired man besides the chores. The Lome's resignation proved that his ofman says it is only "hog's work," but he fence was recognized. The reply also and would grow fat if his board was only had been attached to a private docu-

Startling news came from Cuba on time. of those on board were killed or wounded. The explosion shook the whole city of THE fascination which city life has for Havana, but those on board the Maine

NOBODY would advise a shoemaker to contracts for moving 1,500,000 bushels of the make umbrellas when the price of shoes Leiter wheat to the seaboard have been show that the tax was levied originally whether this is expended in the wisest of the commentors and other purposes. The question is passed.

estimated that the Leiter holdings of wheat in this city and affoat will exceed 10,000,000 bushels, and since a recent visit internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for

Leiter's huge wheat interest in on



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## Beacon Hill Notes.

far as 1636, and the removal of the dike said. The remedy was not to abolish the state together, as well as individuals rephas been the subject of discussion for tax, but to pass more stringent laws, so resenting various health boards. Milk nearly twenty years. Now that the joint that the dishonest man could not evade Contractor Hood and George O. and D. board of the Harbor and Land Commis- his just responsibilities. If the whole of sioners and the State Board of Health the tax could be collected, the average Health Commissioner Pillsbury of Bosis satisfied to earn his living that way expressed regret at the importance which should stand, and that its removal would \$8 on \$1000, and the burden of taxation New England Milk Producers' Union; interests involved than in a benefit to Green Harbor, it is likely that the subject

> The bill providing for the exemption tee on rules Monday by President French from taxation of intangible personal of the society. property, like securities, etc., is attract- It asks the appointment by the goverstrongly against the bill.

It is positively stated at Chicago that against it. He quoted from the constitu-

**Biliousness** 

President's ability to manage the Cuban particular outranks any other. No one each. On each of these the tax was near. hibit such dealer from continuing to sell varied conditions of soil and climate, that question and that they are willing to lend ever owned as much cash wheat as he ly \$15 on \$1000, or \$60 in all. The average milk in such town; and if such dealer vio-scarcely an article can be mentioned, out-A THOROUGHLY competent farm hand him all the assistance he may desire, and does at this moment. Of the 20,000,000 income of a farmer was about \$500, includbushels on his books, 12,000,000 bushels ing his labor and profits on capital in- voked by said board, he shall be punished which cannot be grown successfully in are the actual cash wheat, the receipts vested. In order to pay his tax he was by a fine not exceeding twenty dollars for some section. Deducting the value of for which he holds. When he paid for obliged to give 43 days' labor, in addition each offense. ing man is to advertise for him in the De Lome incident gives the impression the cash wheat in December, he said it to 20 days more for the general governthat the Spanish Government has not would be sent abroad and marketed. ment. It was this burden which made dealers is produced from cows kept in have a balance of trade in agriculture of HERE is an endless chain of only two been frank in its dealings with the United Now will come the beginning of the end, farming unprofitable. It was this this commonwealth, a certificate from the \$288,883,725, comparatively small as a matter of weeks. The actual wheat is which had reduced the value of farm state board of cattle commissioners, cer. compared with the total exports, but Until the publication of the Spanish to start away toward the European con- property throughout the state. It was tifying that such cows are free from nevertheless highly satisfactory in view minister's letter, the President had no sumer. The May short is relied upon by against a certain increase in this burden tuberculosis, shall be deemed to be suffil of the fact that it is largely in excess of to better cows, and good cows lead to thought that Dupuy de Lome had any the Leiter party to pay some penalty that the protest of the farmers was made. but the kindest feeling for the administra- on his selling contracts. Whatever is Professor Walker then discussed the com- milk is produced from cows kept in antion, or was other than absolutely sincere collected on the May line will go toward mission's report point by point, denying other state, a similar certificate from the The following table shows the imports tion, or was other than absolutely sincere in holding out hopes of success of auton
Some of the grangers and farmers' in holding out hopes of success of auton
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Some of the grangers and farmers' i clubs are getting a good reflection of the omy in Cuba and of the reciprocity nego. wheat which must be liquidated. The gard to the taxing of intangible personallarge farmers' meetings and conferences tiations between this country and Spain plan is to close the deal before the new ity, and claiming that the report itself, if quired and shall be sufficient. by means of delegates who are now mak- The personal references to the President crop wheat competes anywhere. If that taken logically on the proposition laid Section 3—This act shall take effect ing their reports. A great deal depends in the Spanish minister's letter were coning the person and not the property was the correct one. As to the conclusion of the commission that it was impracticable hearing on four different bills affecting and impossible to collect the personal the production, care and sale of milk in property tax, Professor Walker took the Commonwealth on Tuesday. The It is an interesting fact that the contro- direct issue. It had not been impossible proposed legislative changes brought the versy over Green Harbor dates back as to collect it from the honest man, he leading producers and contractors of the

> have so justly reported that the dike rate would be reduced from \$15 to \$7 or result in far greater damage to property would be much more evenly distributed. The petition adopted at the annual will be allowed to rest in peace for a meeting of the Bay State Agricultural Society was brought before the commit-

ing much attention, and the hearings nor of a commission to investigate the adgiven by the committee on taxation have ministration of the agricultural depart Charles A. Gleason of New Braintree, exbeen frequent and prolonged with large ment of the state and the affairs of the attendance. Warren C. Jewett of Worces- various agricultural societies. Mr. ducers' Union, were also present. ter, master of the state grange, and French said this commission would be Prof. Walker of the Agricultural College, expected to report upon the whole agri-ure to porvide for the cleaning of milk were present on Monday and spoke cultural system of the state, including cans by corporations, companies and conthe Board of Agriculture, which con-Prof. Walker said he represented the sists of forty men, a larger number than sale purposes. Secretary Sessions of the unorganized as well as the organized far. in any other state. "No charges are State Board of Agriculture appeared in mers, and had at heart the welfare of made against the financial integrity of favor of the bill, explaining that the every laboring man. The proposed leg- the Board or of its officials," he said, islation was a direct blow at the produc- "but outside of the money spent for gypsy the annual winter meeting of the Board ing classes, and so he was there to protest moth extermination some \$50,000 is an- of Agriculture at Taunton, where a vote

> the bill to regulate the inspection and of foreign substances being found in the as follows:

Section 1-In cities and towns in Boston. which dealers in milk are required to be

The Committee on Agriculture gave a Whiting were present. Dr. Durgin and ton; President Patch of Concord, of the secretary and general manager of the same union, John R. Bowker of Worcester; J. L. Harrington of Lunenburg, secretry of the State Association of Farmers and Cattle Owners; Dr. Alexander Burr of the Boston Health Board and Secretary Sessions of the State Board of Agriculture: Chairman Peters and Messrs. Herrick and Damon of the State Board of Cattle Commissioners; and Hon. president of the New England Milk Pro-

The first bill considered was the meas general subject had been considered at

period when the cans were received empty and the time for their shipment to the producers. There was not only no time, A hearing was given by the committee but the contractors had no facilities. Mr. sale of milk. The full text of the bill is empty cans returned to them-eggs, coffee, oil and other liquors. This was in

The Boston Dairy Company, through licensed, no dealer shall be entitled to President Granstein, also opposed the bill. receive a license until he has first fur-nished satisfactory proof to the authority granting such license, that the cows pro-would be forced on the farmers. Mr.

## Washington News.

The neavy exports of agriculture from the United States for the year 1897, and their large proportion of the total exports are shown in detail by a bulletin The heavy exports of agriculture from just being published by the Department The following table of important agriof Agriculture. The publication is en- cultural products shows the export prices titled "Our Foreign Trade in Agricultural for these articles during the past five Products," and is issued under the direc- years,-from 1893 to 1897, inclusive, tion of Mr. Frank Hitchcock, Chief of and also the prices for the five months the Division of Foreign Markets. It cov- ended November 30, 1897. It will be seen ers both exports and imports of agricul- that a very general advance has occurred ture du-ing the last five years. During since the close of the last fiscal year, the fiscal year 1897, the United States ex- June 30, 1897. This is true of nearly all ported domestic merchandise of the value agricultural products, cotton seeming to of \$1,032,007,603, thus breaking all pre- be the only staple which shows a marked vious records. Of this grand total, \$689,- decline. 755,193, or about 67 per cent., comes under the head of agriculture. In agricultural exports the figures for 1897 show Muton, th. 085 .079 .081 .075 a gain over those of 1896 of \$115,356,929, or about 20 per cent. The agricultural imports for 1897 were also large, being Bread and bissuit to the second of the enormous anticipatory importations the enormous anticipatory importations | Total Control law. Wool and sugar especially, were shipped into the country in large quantities in order to escape the prospective duties of the new law, and large stocks of these commodities still remain in the country unconsumed. In the imports of wool alone there was an increase during best remedies I have ever seen, and that is the opinion of all who have used them. I have cured eight cases of curb and have not had a while the sugar receipts were nearly single failure. Very respectfully,
L. P. GOODWIN, \$10,000,000 in excess of the preceding year, thus making a net gain of \$30,000,-000 in simply these two articles. If these abnormal gains made in the cases of wool and sugar and other articles be subtracted, our agricultural imports for 1897, instead of showing an increase, would exhibit a large falling off as compared with 1896. The decrease that took place in a considerable portion of our agricultural imports of 1897 is attributable to the introduction and successful propagation in this country of certain products which we have heretofore purchased abroad. That there is a wide open door in this direction for a further diversification of American agriculture is clearly indicated by the advances which have been made in this line, and the reports published showing the Introduction and cultivation of new and heretofore untried products and plants. The country is so vast in its extent and embraces such agricultural imports, \$400,871,468 for

ing the past five years, and the balance of trade in each case:

1893 1894 1895 1896

\*Five months ended Nov. 30, 1897.

Dr. S. A. Tuttle, Dear Sir.—I have these goods introduced on the Trotting Park and a number of customers outside. They are the PEQUABUCK, CONN., July 29.



30,000 Quarts of Strawberries 30 months 17

Fact. C. S. PRATT, Reading, Mass.

White Wyandotte Eggs, 13 for \$1.25. Silver Wyandotte Eggs, 13 for \$2.00. F. W. WELLS. 18 Wallist., Rochester, N. Y.

## Situation Wanted

With tenement, convenient to Boston; place for hens more desirable than big wages. Take three farm papers. Can stay at present place Always had more pay second year. Address W., Mass. Ploughman office.

## FARMERS.

Living at a distance who are in need of Agricultural Supplies or Merchandise of any description can save money and time by corresponding with HERMES S. HEYWOOD.

## Before Buying New Harness

own goods and can save you money.

King Harness Co., No. 24 Church St., Owego, N.Y.

TO RENT.



## We've Grown

so much that we have taken a larger building Note the new address.

# ARLINGTON **TESTED**

best seed books in Amer-

W RAWSON & CO.

12-13 Faneull Hall Square

CAMPBELL'S EARLY Seeds Need No. Be Swallowed. other Grape Vines, Small Fruits. Elegant Catalogue FR CEORCE S. JOSSELYN, FREDONIA, NEW YORK.

# VICK'S SEEDS

WHITE.. THREE RAMBLER ROSES CRIMSON

Will make a magnificent hedge, beautiful shade for the plazza, or a charming ped. Constant obscuring feetly hardy. One plant will produce thorsan is of flowers. One each, only 40 cents, delivered VICK'S Garden and GUIDE. The Busy Man's Catalogue and the Ladies' Gardener and the Who Runs May Read. Many illustrations from gature. Colored plates of Sweet Pens. Nichnifer Tuberous Begonias. Golden Day Lity Cactus Dablias. Daybreak Asters. Beautifully embosed on 126 large pages completely filled with nonest illustrations. FREE upon application. Vick's Seeds Never Disappoint. JAMES VICKS SONS. - Rochester, N. Y.

FREE! (For the postage) Vick's Illustrated Monthly Magazine Fee GARDENING AUTHORIST Is a vertiable mine of information about Flowers, Vegetables and Fruits, and how to give and care to successfully. A farm house may be brightened at a slight expense and the grounds made attractive, inches hare and forbidding. The price of VICES ILLUSTRATED MORTHLY MAGAZINE is Fifty Cents per year you will return this Coupon with six two-cent stamps the magazine will be maded to you report for six months for trial. Write at once to VICE PUBLISHING CO., Ruchester, S.

## JAPAN PLUMS, \$6 per 100.

would be forced on the farmers. Mr. ducing such milk are free from tuberculosis. In towns in which milk dealers are not required to be licensed, the board of health shall have authority to require any dealer in milk to furnish similar proof; and if proof is not furnished which is satisfacfory to said board, they may pro-Our new catalogue for '98 will tell you about the best varieties of these and other BUSINESS

## MARKETS.

## BOSTON LIVE STOCK MARKET

Cattle weak in price at 1-40 decline, -Sheep as last quoted .- Hogs of best grade 1-8 c higher. - Veal Calves lower by 1-3c. - Milch cows rule steady-Horse market fair.

Week ending Feb. 16, 1898. Amount of Stock at Market. Cattle. Sheep. Shotes. Hogs. Veals 

CATTLE AND SHEEP FROM SEVERAL STATES Maine...... 338 80 New York 11 N. Hampshire 122 872 Rhode Island Vermon..... 121 171 Western... 4 056 8,765 Massachusetts 216 300 Canada.... CATTLE AND SHEEP BY RAILBOADS, ETC.

Cattle. Sheep Fitchburg 4,017 9 976 Eastern... 368
| lowell... 82 132 B. & M....
| 317 Foot&boats, 80 owell.... 82 Total......4,864 10,188 Values on Northern Cattle, etc.

Beef.—Per hundred pounds on total weight of ide tallow and meat, extra, \$5.25 \(\alpha\), 50; first uality, \$4.75 \(\alpha\), 50; second quality, \$4.25 \(\alpha\), 50; hrd quality, \$3.75 \(\alpha\), 00; a few choice single airs, \$6.00 \(\alpha\), 50; some of the poorest, bulls, ic., \$3.00 \(\alpha\), 50. Working Oxen.—\$60@130; handy steers, \$50 @100, or much according to their value for beef. Cows and Young Calves.—Fair quality, \$20@ 58; extra, \$40@48; fancy milch cows, \$50@60; arrow and dry, \$12@22.

Stores.—Thin young cattle for farmers: year-lings, \$8@16; two-year-olds, \$12@22; three-year-olds, \$20@32.

olds, \$20@32.
Sheep.—Per pound, live weight, 2½@3c;extra, 5½@4½c; sheep and lambs per head, in lots \$2.50 &\$5 00; lambs, 4½@6c.
Fat Hogs.—Per pound 3½@4½:, live weight whotes, wholesale...; retail, \$1 25@\$5 50; country dressed hogs, 5c. Veal Calves.—3.66c P fb. Hides.-Brighton, 7@7% c p tb; country lots

Calf Skins. -85c@\$145. Dairy Skins, 35@ Tallow.—Brighton, 3@31/30 P 16; country lots Pelts. - 40c@\$1 00 each; country lots, 40c@

ARRIVALS AT THE DIFFERENT YARDS. CATTLE. SHEEP. HOGS. VEALS. HORSES Extra..... Choice ... Watertown, 4,115 10,108 12,866 568 287 Brighton... 749 80 15,646 750 70

### General Live Stock Notes.

General Live Stock Notes.

The aggregates of supplies of live stock runs heavy for February, and is a forerunner of what we may expect later on. Cattle in good supply and the western hold up fairly well in price; country lots sold slowly at fully 1/4c decline. The sheep and lamb demand steady, and good lot hold a steady position. Hogs rule firm and higher for first class hogs by 1/4c ib; the advance is only on the better grades. The movement in veal calves has undergone a change and favorable to the buyer by 1/2c; it would seem as if calf butchers have had a hard time this winter paying live more than Boston veal market warranted. Mich cows sell decently well, have seen the trade better. Horses of good grade in demand at \$140@\$175 a head.

Cattle, Sheep,

Maine			A A Pond	T. F.	
At Brigh			G H Sprigg		
Libby Bros	. 59	10	& Co	21	
E H Thompson	n 18	10	W Ricker &		
J M Philbrook		1	others	33	-
W W Hall			Britton &		
& Son	25		Savage	17	
M D Holt	41		H. N. Jei ne	4	
Harris &	-		F S Atwood	18	
Fellows	50	38	M C Harlow		
Wardwell &		-			
Meintire	18		Massachu	entte	٠.
O W Rolfe		1	At Wateri		
Taompson	. 20		J S Henry		
& Hanson	63	20	At Brigh		
H M Lowe	15		J S Henry		
G Hallowell	7		Scattering	80	
P A Berry	20		H E Eames	8	
r a Delly	20		H A Gilmore	17	
New Hamp	a belo		Fitch & Winch		
			W Mills	15	
F W Foss	14		D A Walker	30	
r w ross	A-4		DA Walker	00	
At Water	lowi	1.	New Yo	rk.	
R W Foss &			D Fisher	11	
Son	6				
A F Jones			Wester	m	
& others	13	70	At Brigh	ton.	
Breck &			SSLearned	96	
Wood	16	650	Sturtevant &		
W F Wallace	55	152	Haley	96	
Shaw &			At Wateri		١.
Cotton	18		W G Elliott		10
Cotton			E E Pool & Co		-
Vermo	nt-		Western 2	1.00	72
At Watert			J Gould	80	
Carr &			J A Hatha-	-	
Williamsor	17		way 1	121	5
Williamson	1.2.		way 1		_
Han	(%	alves.	Hot	s. Ci	a lw

Breck &			SSLearned 96
		650	Sturtevant &
W F Wallace	55	152	Haley 96
Shaw &			At Watertown.
Cotton	18		W G Elliott 106
			E E Pool & Co 232
Vermon			Western 2431 720
At Waterto	OW II	0.	J Gould 80
Caff &			J A Hatha-
Williamson	17		way 1121 50
Hogs	i. Ca	Ives.	Hogs. Calve
Maine.			w F Wallace 4 12
At Bright	on.		
Libby Bros E H Thompson	1	82	Vermont.
E H Thompson	1	14	At Watertown.
J M Philbrook		4.4	Carr &
W W Hall			Williamson 11 3
& Son		45	A A Pond 1
M D Holt		50	G H Sprigg
Harris &	_		& Co 5 3
	2	97	W Ricker
Wardwell &			& others 50 11
Melntire		45	Britton & 4
O W Roife		39	
Thompson &		13 F	H N Jenne 1 F S Atwood 1 4
Hanson	1	35	J P Squire & Co. 96
H M Lowe		14	a r adulte a co. so
G Hallowell		40	Massachusetts.
l' A Berry		40	At Watertown.
New Hamp	able	-	J S Henry 3
At Waterte			O D LLOWING.
R W Foss &	. 46 13		At Brighton.
Son		15	J 8 Henry 4
A F Jones			Scattering 60 15
& others	34	69	H E Eames 12
	0.4	00	W Mills
Brack &			New York.
Breck & Wood		25	

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nny

for

During the past week eight English steamers have departed with live stock from this port, taking out 3 14 cattle, 2065 sheep, 127 horses. From cablegram received from Liverpool, we note fair arrivals, with demand some what weak. Trade duil for state cattle at 114c, sluking the fial, and at London 10% & 114c, being ½c decline.

dal, and at London 10% &11%c. being %c deline.

Shipments and Destinations—On steamer Lanzastrian for Liverpool, 675 cattle by Swift Beef to, and 19 horses; on steamer Parkmore for firistol, 153 cattle by K Morris, 125 by JA Hathway; on steamer Hibernian for Glasgow, 130 attle by J A Hathaway, 150 do by Swift Beef to; on steamer Bostonian for London 389 cattle by E Morris, 264 do by Swift Beef Co. and 108 horses; on steamer Sylvania for Liverpool 325 attle by E Morris, 325 by J A Hathaway. 1085 sheep by W G Elliott; on steamer Oriel for London, 232 cattle by E E Poole & Co; on steamer Lycia for Bristol E Morris, 128 cattle J A Hathway, 128; steamer Sachem, 693 cattle, 1000 sheep by the usual drovers.

Not much activity, still a fair demand for Feb-Not much activity, still a fair demand for February. Spring trade will shortly start up, then arrivals wit increase and a stronger tone to the market. At Snow's combination sale stable a good number of horses disposed of for home and foreign trade. Fair auc ion sales at \$50@\$140, at 1.50 at 1400 hs. At L. H. Brockway's sale stable seld near to 5 c.r loads with fair disposals. Prices ranging from \$60@\$140. At A. W. Davis, Northampton St. sale stable sales beyond expectations, having good grades for speed, pace coach and saddle at \$100 up to \$700. At E. Harr & Co., sale stable, fair trade spring business beginning to look up. Prices steady at \$75 & 75. At Welch & Hall's sa e stable fair plees obtained and some good qualities, sold 5 interests. ar loads at steady prices.

## Union Yards, Watertown.

Tuesday, Feb. 15., 1898. Forty-one hundred and fifteen head of cattle uring the week of which 3864 head were from he West. The market was amply supplied with attle for home and foreign demand and the Vestern were of superior quality, and at prices hat corresponded favorably with last week. Country cattle from the north were weak in price out the few offered found sale at 14c decine. We do not look for very firm markets on cattle or the next few weeks.

W F Wallace sold 2 cattle of 1930 hs at 3c, 2 bulls of 2000 hs at 2½c. F 8 Atwood sold 540 hs, cow for beef at 2c ft W Foss & Son weighed 2 cattle 3420 hs and did not obtain his price and sent them to Bright n. J A Hathaway sold 25 steers from the West av 1550 hs at 5½c, 30 do av 1525 hs at 5½c, 30 do av 1525 hs at 5½c, 20 do av 1500 hs at 5½c, 20 do av 1500 hs at 5.20 do av 1475 hs at 4½c, 25 do av 1250 hs at 4½c, 25 do av 1250 hs at 4½c.

Maine Cattle, Beef and Store Maine Cattle. Beef and Store

Twenty carload of live stock on the eastern train and represented by twelve different firms who had on sale a mixture of beef cattle, milch cows, sheep, veal calves and fat hogs. They had more veal calves almost two to one when compared with previous week, and nearly every firm had some cattle for beef, in connection with milch cows. The demand for eastern beef cattle seemed slow any bids fully 4c under what owners expect ed to obtain. O W Rolfe sold 2 cattle of 2600 ib (2 year olds) at \$13 vold to feed. 1 pair 3000 ibs at \$140. P. A. Berry sold 8 beef cows ay 900 ibs at \$140. P. A. Berry sold 8 beef cows ay 900 ibs at 2 ½c. 1 store bull a yearling at \$16. Demand light and some tied their cattle up for Wednesday sale.

A good run of lambs and sheep for the wrek, S M Flint of Vermont who usually makes this market headquarters went this week down the river to New York with his sheep and caives expect ng to hit a good market. Such as offered at the yards found sa'e at about steady prices, certainly no higher. We call prices steady and all arrivals disposed of early. M C Harlow sold 76 lambs of 5130 hs av weight 68 hs at 5½ c. The price not exactly settled, a Irific over the above price is probable. 22 sheep of 1990 hs at 4½ c. F S Atv cod sold 67 h lambs at 5c. H N Jenne sold 1 sheep of 100 hs (choice) at 5c. W F Wallace sold 89 1 mbs of 6100 hs at 5½ c. The first sheep of 100 hs (choice) at 5c. W F Wallace sold 89 1 mbs of 6100 hs at 5½ c, 15 sheep 1560 hs at 3½.

Receipts are increased and butchers were not slow in finding it out, having paid high prices all the winter, and too much when considered what they got for veal in the city; they had a chance to be a little independent and docked prices to the extent of ½c strong.

O W Rolfe sold 3% calves of 4100 fbs of 5½c;
J M Philbrook sold caves at 6c; W W Hall & Son sold 18 calves, 100 fbs at 6c; H M Lowe sold 39 calves, 110 fbs at 6c.

Milch Cows and Springers.

The cow trade might be said to be thriving, what are offered flud sale and prices correspond with last week's rates.

Thompson & danson sold 9 cows, pick of lot, at \$45-\$60, 1 cow \$36; J M Philbrook sold 1 mitker, \$38; O W Rolte sold 5 mileh cows and springers at \$40 a head; Fitch & Winch, 2 springers \$35 each; Libby Bros. old 10 milch cows, \$40@\$50, J S Henry, 8 cows, \$40@\$48.

Large ar ivals of Western that cost 324 @45 L. W. or ½c higher on best grades, country lo at 5c, D W.

A few hundred ibs that cost 10 c. ib for mixe Boston & Albany Yards, Brighton. WESTERN BEEVES. PRICES ID CWT. ON THE LIVE WEIGHT.

February 14 and 15. There were twenty car loads of stock on the Eastern train and mostly mixed loads of beef cattle, milch cows. caives, sheep and hogs. The market for beef cattle was very unsatisfactory, about as sile was trade as ever noticed, and it was noticeable that butchers intended to buy at lower figures. The bids were low even on very fair kind of cattle and what sales were noticed at a declire of strong 1/4c h.

H. A. Gilmore sold 12 beef cows av 1000 hs at 3c, Fitch & Winch sold 3 beef cows at 2/4 av 1000 hs, at 10 to 48 beef cows of 900 hs at 2/4c. Wes: ern cattle at a range of 4/4@5/4c, weighing from \$1400 hs 1550 hs.

Brighton, Tuesday and Wednesday.

## Late Arrivals and Sales.

Late Arrivals and Sales.

At Brighton on Wednesday—The market was full of milch cows from all sources, upwards to 500 head, and there were more buyers present han we anticipated considering the weather; buyers tried hard to talk down prices and in many instances succeeded. We found a good many cows on sale especially good, that were sold at fair prices.

Libby Bros sold 4 extra cows at \$46 each. 2 choice cows, \$50 each and cows at \$30,3\$40; Wardwell & McIutire, 2 Ayrshire cows, \$46 each. 2 Dutch cows, \$5 each, 5 cows, \$25,6\$40; We Hall & Son 2 cows, \$37.50 each; W Mills 6 cows, \$40,3\$45; We W Hall & Son 2 cows, \$35,6\$38; M D Holt sold cows at \$35,3\$50; U W W Hall & Son 2 cows, \$35,6\$38; M D Holt sold cows at \$35,3\$50; We W W Hall & Son 2 cows, \$40,3\$50; U W Cheney sold 10 cows, \$40,3\$50.

Store Pigs—Light arrivals, and sold at \$2,4\$50.

Ca

## Miscellaneous. Hides .- Brighton, 7@7% c P lb; country lots Fallow.—Brighton, 3c P lb; country lots 11/1@

Pelts.—40ca\$1.	35 g 60c.	G	J. FOX.
Boston	Provision	Mar	ket.

The pork market continues quiet, with pr
steady.
Hams are quiet, with lard higher.
Pork, long and short cuts & bbl, \$13 00.
Pork, light and heavy backs, \$11 50@13
Pork, lean ends, & bbl. \$14 50
Tongues, beef & bbl, \$23.
Tongues, pork, bbl, \$17.
Beef, pickled, P bbl. \$8@10 50
Shoulders, corned and fresh, P to 61/2c.
Shoulders, smoked, & fb 7c.
Hams 10 1b, 81/2 4/9c.
Bacon, P to 91/8c.
Pork, loose, P ib 61/2c.
Briskets, salt, W lb 7c.
Ribs, fresh, P fb 7c.
Sausages, P ib 71/4 c.
Sausage meat P fb 61/2 c
Lean sausage meat, P fb 7c.
Blade meat. F fb 71/2 c.
Lard, in tierces, W to 6c.
Lard, in pails, p ib 6% @7c.
Lard, in palls, pure leaf, P fb 634 @734 c.
Laru, in pairs, pure rear, p in one of a rate.

Sugar.-Refined holds steady with prices quoted unch anged.
Cut loaf and crushed, 5.94c
Pulverized, P lb, 5.56c
Powdered, P lb, 5 ½c.
Cube, P lb, 5 ½c.
Granulated, P lb, 5¼
Granulated, At retail, P lb, 5½c.
Diamond As, P lb, 5c.
Ontario As, P lb, 5c.
Pembroke As, 4 ½c.
Extra C's, 4 ½ @4.81c.
Bag yellow, 4 18 24 ½c.

## Boston Produce Market.

Wholesale Prices.

Poultry.

Receipts continue pretty full and the market has a dull and easy tone. Fresh-killed turkey are generally large and coarse and most lot have a dull sale at 11@12c. There are few lot of all he is good enough to bring over 13c. West chickens are plenty and most lots dull at 8@9c. Fowls are also in liberal supply and moving slow ly at easy prices. Ducks and geese very dull Western capous have to be large and strictly fancy to bring over 12c.

£	Fresh Killed.
1 2000	Northern and Eastern—         Chickens choice large, P lb         14@           Chickens, common to good         8@           Fowls, extra choice         11@           Fowls, common to good         8@
,	Ducks, spring, P fb
	Western, dry packed, drawn and headed— Turkeys, choice small
	Turkeys. fair to good
1	Fowls, good to choice
1	Ducks good to choice
9	Turkeys choice 12@13
	Turkeys, common to good 9@1 Fowls, P lb 7@1
	Old cocks,
8	Chickens, choice P ib 9@1 Chickens, common to good P ib 7@8
	Capons fancy large
1	Live Poultry.
	and a delite it

apons n	100	. 8	112	8	8	0					0 1	0.0				0	0	9 (								11	œ1	2
					K	å	¥	е		E	2	0	tı	ı	ŧ	r	¥											
Receipt re seliin or less.	s l	hea	ra Pi	y	a	L I	6	8	n	ni n.	IA IA	rl	K	e	t	n B	y	9	e E	8	tv	0	e	k	0	ele	Fo	W
owls P	th.				. 0	0.1	. 0		0	0	0.0					0	0 1						0				6.0	9
toosters	p	1b				0		. 0.	۰	0	9 :	0 1		0.0		0	۰	0 1	1.5	. 0	0		9	0				
hickens	p	ib	0														0	p 1		. 0	9			0			061	

Roosters P fb	6 0
Chickens P B	69
Game.	
Receipts of all kinds are light and the steady moderate demand. Choice dark are film at \$1.25. Plotails duil at 90c. it the best quali sell in a small way up to \$2 ducks in light demand. Rabbits in mercely moderated.	grouse Some of Wild

Butter.

There is no change in the condition of the market. Feceipts are fairly liberal but a large proportion of the arrivals is more or less defective. Fancy fresh Vt. and N. H. creamery is having a steady sale at 21% e. York state creamery rarely shows up strictly fine and most sales are at 20c and under, large tubs being especially dull. Western creamery is in good supply and generally quiet. Strictly extra brings 21c but a good many marks have to be cleaned up at 19@ 20c. Medium grades are still in supply, dull and weak. Imitation creamery and ladle goods steady but quiet.

	30 and 50 fb tubs only.
E,	Creamery, extra—
18	Vt. & N. H. assorted sizes211/2 @
e	Northern N. Y., assorted sizes21@
(-	Northern N. Y., large tubs21
34	Western, asst. spruce tubs21.a
r-	Western, large ash tubs20@204
iı	Creamery, northern firsts19@20
8	Creamery, western firsts 19.2
0	Creamery, seconds17@18
е	Creamery, eastern
e	June creamery-
0	Northern, extra 192
1-	Western, extra19
P	Dairy, Vt. extra
_	Dairy N V avtra
	Dairy, N. Y. and Vt. firsts
	Dairy N. Y. and Vt. seconds
	Dairy, N. Y. and Vt. low grades 14@
ı	Dairy, Western
11	West. imitation creamery, small tubs.
34	extra,
e	West imitation creamery large tubs firsts @15
0	" imitation creamery seconds13 @
	" ladle firsts
:	" ladle seconds12@
8	Boxes
0	Extra northern creamery22@
	Extra western creamery
	Extra dairy194
	Common to good
Z.	Trunk butter in 1/2 or 1/4 ib prints
ď.	Extra northern creamery22@221
	Extranorthern dairy19@
t, 1	Common to good
1	Extra western creamery

na	Cheese.
ch	There is as yet no sign of improvement in the cheese market. Demard is very slack and although prices are held about the same the market leans in buyers' favor. Fair to good northern are dull and weak at 74/2/8/2/c. Western twins are moving very slowly. Most lots of Ohlo
á e ots	flats have to sell in the range from 61/2 @71/2 c.
	Liverpool quot. white 41s  New York, small, extra # ib
ed	" ' large extra P lb. 929% Vermont, small extra P lb. 928 " firsts P lb. 8281/2
	** seconds ** ib

Eggs. Receipts are fairly liberal but there is also a steady demand and with more or less stock held off the market by shipper's order the feeling is frm. Some receivers are asking a slight advance

Nearby and Cape fancy & doz.. Eastern choice fresh...... Eastern fair to good. Vt. and N.H. choice fresh... Western fair to choice.... Receipts are heavy but there is also a steady fair demand and prices for most kinds are well susained. Hebrons are easier and hard to sell at over 80c. Rurais and Green Mountains are firmly held, most lots at 85c and none under 85c White Stars, Burbank, etc., fairly steady at quo-

stook Dakota Reds... Rurals & Green Mts. extra. 

### Sweet Putators. There is a good supply and a light demand at \$3 25 for best fresh stock.

Jersey double heads P bbl...... 3 25@ Green vegetables. Cabbages are plenty and slow at 60@65c Kale Cabbages are plenty and slow as congood Rate insteady moderate demand but none good enough to bring over 75c. Onions are plenty but a large proportion of ordinary quality. It takes a very fancy lot of natives in large bols to bring over \$2.75. Vork state stock plenty at \$1.75.82.25. No fresh spinach. Squashes hold firm. Towarders in lunited demand. Turning that is

matoes in limited demand. Turnips	in full so
Reets P bu	. 40@50
Brussels Sprouts, P quar	. 25 a 30
Cabbages P bbl	. 60 a 68
Celery P 3 doz box	.5 00@6
Carrots & bu	
Cress, P bunch	0.0880.
Cauliflower each	. 10a30
Cucumbers, hothouse, each	10 @12
Kale, Norfolk P bbl	75@
Kale Balt P bbl	500
Lettuce, hot house P doz	
Onions, native, yellow P bush	90 @1
Onions, choice yellow p bbl	
Onions, fair to good, & bbl	
Onions, Spanish, & bush crate	
Onions, Havana, P crate	
Parsips P bu	
Parsley, P bu	
Radishes, & doz	
String Beans, Southern green & bush.	
squash. Hubbard, Pton	40,4 8
Squash, turban, P bbl	
squash, marrow, P bbl	
Spinach, native P bush	. 75 a
spinach, Norfolk, & bbl	2 25@2
Spinach, Balt. P bbl	1 75@2
Furnips, Jersey Russia, P bbl	
Furnips, vellow & bbl	1 0000

Turnips, yellow p bbl........ Domestic Green Fruit.

Receipts of apples are quite liberal and demand is only moderate. Strictly fancy fruit is fairly firm, but for the general run of stock the market is easy. There are very few Greenings good enough to bring over \$3.23.25. Receipts of cran berries are light and strictly choice sound stock firm at quotations. Receipts of Florida straw berries are increasing. The berries are irregular in quality and condition and sold at a wide range accordingly, but most lots at about 50c. Apples.

Ben Davis ₱ bbl.

Greenings, ₱ bbl

King. ₱ bbl.

Baldwins, No. 1, ₱ bbl Western mixed varieties...... 

	Cape Cod, common to good, P bbl4 50@5 5
	Hops.
et ys ots ots	New York, 1897, choice
e. w-	Tallow.
il.	Rough, \$\psi\$ 15 \\ Rendered   2\\ \&\ 23 \\   2     2     2     2       2   \qquad    \qquad      \qq   \qu
	Hides and Pelts.
	Steers, over 75 lbs
15	Bulls 6a Hides, south. light green salted 834
12 10	" dry flint
10	" buff, in west 91/4 a 97/4
10	Calfskins, 5 to 12 hbs each 75@1 4
81	overweights, each1 60@1 6
14	south, hint dried & Ib 11a12
1 1	" salted P B 9a10

Choice Canadian P bu ...... The market for evaporated apples is quiet with prices unchanged. Sun dried rauge from 3@6c as to quality.

Evaporated, fancy to extra fancy....
Evaporated, choice.
Evaporated, prime......
Sun dried, p ib..... Grass Seeds. Trade quiet with prices steady. 

erally held at \$1.10, but have a slow sale. Yellow eyes are plenty and dull at quotations. Red kidneys quief. Pea, N.Y. & Vt. small H. P.... Pea, marrow, choice, H. P.... Pea, screened... Pea, seconds Mediums, choice hand picked... Mediums, choice hand picked...

dediums, screened...
dediums, second...
fellow eyes, extra...
fellow eyes seconds
ded Kidney...... Hay and Straw.

Hay, prime, large bales.....

## Flour and Grain.

Flour.—The market continues quiet, with prices quoted firm. Spring patents, \$5.30@5.65 3pring, clear and straight, \$4.25@5.10 Winter, clear and straight, \$4.60@5.10. Winter patents, \$5.15@5.30.

Oat Meal.—Quoted quiet, \$3 75@4 05 \$\rightarrow\$ bbl or ground and rolled, and \$4 15@4 45 for cut Corn Meal.—The market is quiet at 73 275c \$\mathbf{p}\$ bag, and \$1 65 21 70 \$\mathbf{p}\$ bbl; granulated, \$2 00 2 20 \$\mathbf{p}\$ bbl; bolted \$2 00 22 20. Graham Flour.—Trade continues quiet, with the market quoted at \$3 25@4 25P bbl. Rye Flour.—The market is quoted at \$3 15@ 3 50 P bbl. Rys.—The market continues quiet at 56@57c.

Corn.-Demand is quiet with market steady. Olf. steamer yellow, spot, 3844c. New steamer yellow, spot, 374c. No. 2 and steamer spot. 374c. No. 2 yellow to ship, 384c. No. 3 yellow to ship, 384c. No. 3 Jeilow 35-5c.

Oats.—Quiet but firm.
Clipped, tancy, spot, 35-365-4c.
No. 2 clipped, spot, 34-34c.
No. 3 clipped, spot, 34-34c.
Rejected white, spot, 33-3-36-33-36c.
Clipped, to ship, 34-3-36c.

Chipped, to snip, 34 % @ 30c.
Milifeed.—Trade continues quiet, with price steady to ship.
Middlings, sacked, \$15.50@\$19 00.
Bran, spring, \$16 00@
Bran, winter, \$17 00@
Red Dog, \$16 25@16.50
Mixed feed, \$16 50@18 00.
Cottonseed meal, \$20 75.

Malt. - The market is steady with trade ruling State grades, 6-rowed, 58@60c. State, 2 rowed, 53c. Western grades, 53@55c. Barley—Quiet demand, with prices nominal at 0@53c. for No. 2 6 rowed State, and 42@45c for

The Wool Market.

Course or quarter-bloods combing and clothing 22 a 23c; three-eighths, 22 a 23c; half-bloods, 20 a 22c; fine, 16 a 17c.

## Fresh and Shell Fish.

The market continues quiet, with prices steady for cod and steady for haddock. Oysters in steady demand. Lobsters firm, with clams steady. Scallops are steady. Market cod, per fb, 134 @ 244; large, 244@24; steak, 4944/c; haddock. 1½@244; hallout. white, 13@14c; gray, 10@11c; Oregon salmon, 10@11c; Ouefsh, frozen, 9@10c; cusk, 1½@2c; steak 2@2½c; hake, 2@2½c; snaal, 1@2c; pollock 2g2½c; steak, 3g3½c; cels, 9@10c; fuzen herring, \$1.25@1.50 per 100 count; Eastern smelts, 6g7c; extra, 10@11c; native, 14@15c; lake trout, 9@10c; bullheads, 12@13c; pickerel, 9@10c; oysters, Norfolk standards, per gal 75c; Prov River \$1.10; Stamfords, fresh opened solects, \$1.25; shell, per bbl, 650; per bu \$1.75; Blue points, per bbl \$7.25; per bu, \$2.50; lobsters, live, per lb 16c; boiled, 18c; clams, per gal, 50c; scallops, per gal, \$1.15@\$1.25.

nave placed plant cuttle among the high arts. Many of the large growers for market have abandoned the attempt to grow the older well-known varieties; 1 know of but one grower in this distance of the propagation of the spores in the vicinity. I am sorry to say that in the hedgerows here the pest is quite common on wild plums, and it seems it is no one's business at present to destroy and all other persons interested in the estate of ALEXANDER MORANG, late of Somerville, in said country deceased, intestate. trict who has any success in their culture, and he, acting on the maxim "the better the day the better the deed," makes a regular tour of his plum orchard every Sanday during the season, with a sharp knife cutting out clean every trace of the knot he can find; some branches are almost severed, but the trees thrive and bear good crops of a remunerative fruit.

There is rarely an evil unmixed with good, and doubtless this scourge of black knot has been largely instrumental in bringing to the fore the great in the state of ALEX-ANDER MORANG, late of Somerville, in said County down the same should not be roomment on the owner's ability and progressiveness.

It should be stated that all of the kinds that we have tried are of vigorous growth, much more so than any of the older sorts, and in setting out trees in a garden it will be well not to add manure at the time of planting; it would result in a growth that would be difficult to control for a year or two; it will be much easier to add the fertilizers as they appear to be required. The whole-regist.

S. H. Folsom Register.

black knot has been largely instrumen-they appear to be required. The wholetal in bringing to the fore the great value of the Japan plum, so-called, for value of

It quite often happens that a gardener

Another good variety is Abundance, and we have planted it largely; ours seem to be a good form, and as there is more than one kind sold under the name it is well in buying these plums to go to a reputable dealer, indeed this is true of all purchases of plants and seeds,

pear with a dash of turpentine thrown

It will be found that when the trees get to the bearing age, they will produce very large crops; and it pays to thin them out, as much so as with peaches; fruit from a poorly thinned tree is not to be compared with that from a prop. erly grown one, either for flavor, color, or size. It is true that the curculio does a lot of thinning for us, but we prefer to fight him and do it ourselves.

In trying to find space to plant plums, we have set out one between each two peach trees; the latter are not long-lived under the best conditions, and when the peaches have outlived their usefulness the plums we expect will still be there bearing good crops.

In saidCounty, deceased, intestate. WHEREAS, a petition has been presented to said court to grant a letter of administration on the estate of said deceased to George E. without giving a surety on his bond.

You are hereby cited to appear at a Probate Court to be held at Cambridge, in said County of Middlesex, on the first day of March, A.D., 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted. It is often a hard matter in small gardens to find space to plant what is needed; it would hardly be wise to dig up old exhausted plums and set out new ones in the same place, but it would be an interesting experiment to try budding or grafting the new Japan Foreign Butter and Cheese Market. kinds on the varieties of P. domestica. One who is an authority has said it can- MIDDLESEX, 88. PROBATE COURT.

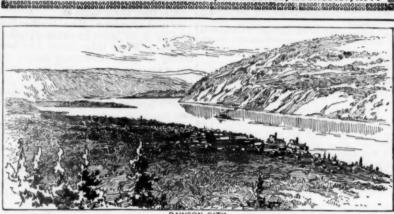
Cable advices of this date to George A. Cochrane from the principal markets of Great Britain gave butter markets as decidedly better and values have been advanced, especially better and values have been advanced to the value of a still forther advance. Finest American are asking advanced prices and making them in some instances.

Cheese markets show no improvement whatever, stocks are large; holders anxious, with but of late years and are still on the lookout for more, as and are still on the lookout for more, as and are still on the lookout for more, as they are placed on the market, and to truit growers we would say emphatically: Plant the new plums if you want to be in the race, and if the older kinds are ruined with black knot, dig them out root and branch and burn them; it is criminal to delay and keep the trees the ruined with black knot fungus have placed plum culture among the high arts. Many of the large growers for market have abandoned the attempt for market have abandoned the

Restores the Senses of Taste and S meil. I quickly absorbed. Gives relief at once. 50 cts at Druggists or by mail. Trial Size 19 cts. at large farm, need be without its helpful suggeslarge farm, need be without its helpful sugges-

# TREES-SHRUBS-ROSES

ELLWANGER & BARRY, Mount Hope Nurseries, Rochester, N.Y.



# Wealth of the Klondike

Shrewd Investors Are Sure Winners.

The Joseph Ladue Gold Mining and Development Company of Yakon, finding opportunity for the extremely profitable use of additional working capital in connection with its transportation business, the Company now offer for investment a limited amount of its new six per

PRO RATA DIVISION OF ALL SURPLUS EARNINGS.

Joseph Ladue was the pioneer of the Klondike.

" was the founder of Dawson City.

" obtained a monopoly of the adjacent timber lands.

" parchased the original quality discovery in the Klondike
thought to be the "Nother Lode."

" established the only saw-mill in the Klondike district.

controls the Canadian patent on Dawson City.

Mr. Ladue came east with this basic wealth and interested the most co d highest class of financiers, forming one of the strongest and most conservative thing the strongest and most conservative makes yet organized. His Klondike placer claims of 500 feet each, "Mother Lode" artz, property on Gold Bottom Creek, saw-mill plant, timber rights, and some of best lots in Dawson City have been turned over to the above company. The above company has since purchased the

## Fine Passenger S.S. "MORGAN CITY,"

o feet long, 2,500 tons burden, and carrying capacity for 750 passengers, which will serate between San Francisco or Seattle and Skaguay up to about the 1st of June, hen she will be put in commission to St. Michaels in connection with four river boats ad four or more freight scows on the Yukon River.

All the valuable assets of the company are behind this stock and investors are surged of smale protection.

assured of ample protection.

Price of preferred stock \$10.00 per share, payable so per cent on application and balance on allotment of shares. (Right reserved to withdraw stock without notice.)

Subscriptions for the stock should be sent to Subscriptions for the stock should be sent to
CHARLES A. SAWYER, Agent for Massachusetts, 60 State Street, Boston.

LEGAL NOTICES.

## Commonwealth of Massachusetts.

MIDDLESEX, 88.
PROBATE COURT.

## Commonwealth of Massachusetts.

the result of the Japan pium, so-called, for some of the kinds now in commerce are the result of crossing our native Wild Goose plum with the Japan forms. The Wild Goose plum is well-known for its limmunity from the dread fungus, and the Japan forms are practically free from the vigor to fewer branches. It is better to root-prume part of the tree and the Japan forms are practically free from the Japan forms. The Japan forms are practically free from the Japan forms are practically free f

FRANK T. HORGAN, Present owners of said mortgage. the sixth page.

LEGAL NOTICES.

## Commonwealth of Massachusetts.

MIDDLESEX, 88.
PROBATE COURT.
To all persons interested in the estate
JOSEPH KELLEY, late of Woburn, in

To all persons interested in the estate of JOSEPH KELLEY, late of Woburn, in said County, deceased.

WHEREAS. The Mercantile Trust Co., (formerly The Mercantile Loan and Trust Co.), the trustee under the will of said deceased, has presented for allowance, the third and fourth accounts of its trust under said will.

You are hereby cited to appear at a Probate Court, to be held at Cambridge, in said County on the twenty second day of February, A.D., 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be allowed.

And said trustee is ordered to serve this citation by, delivering a copy thereof to all persons interested in the estate fourteen days, at least before said Court, or by publishing the same once in each week, for three successive weeks, in the Massachusetts PLOUGHMAN. a newspaper published in Boston, the last publication to be one day at least before said Court, and by mailing, postpaid, a copy of this citation to all persons interested in the estate seven days at least before said Court.

Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this twenty ninth day of January. In the year one thousand eight hundred and ninety-eight.

S. H. Folsom, Register.

Judge of said Court, this fourteenth day of February in the year one thousand eight hundred and muety-eight.

S. H. FOLSON, Register. S. H. FOLSOM, Register.

## Commonwealth of Massachusetts. MIDDLESEX, SS. PROBATE COURT.

PROBATE COURT.

To all persons who are or may become interested in the estate hereinalter mentioned, held in trust u der the will of JO-EPH KELLEY, late of Woburn in the County of Middlesex, and to all persons whose issue not now in being may be come as interested. of Woburn in the County of Middlesex, and to all persons whose issue not now in being may be ome so interested.

WHEREAS. The Mercantile Irons to (formerly The Mercantile Loan and Trust Co.) trustee under said will, has presented to said Court its petition praying that it may be authorized to sell, either at puolic or private sale, certain real estate held by it as such trustee situated in Woburn in the County of Middlesex, and particularly described in said petition, for the reasons therein set forth.

You are hereby clied to appear at a Probate Court to be held at Cambridge, in said County of Middlesex, on the twenty second day of February, A.D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted.

And said petitioner is ordered to serve this citation by delivering a copy thereof to each person interested in the estate, four end days, at least before said Court, or by publishing the same once in each week, for three successive weeks, in the MASSACHUSETTS PLOUGHMAN, a newspaper published in Boston, the last publication to be o e day, at least, before said Court.

Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this twenty-ninth day of January, in the year one thousand eight hundred and ninety eight.

S. H. Folson, Register.

is put over

ward and unbecoming way.

with a facing, a narrow piece of stiffen-

ing, or with a deep flounce, accordion-

the fulness is thrown well to the back.

plants by cuttings, or slips as they are

sometimes called, says the Woman's

While often only moderate success is

reached in this work, generally the am-

ateur, by carefully watching the prog-

ress of the operation, will soon learn

just wherein his success or failure lies,

and thereby be more reasonably sure of

the result of he next attempt. Failure

will sometimes come when the amateur

will try to root cuttings from some plants

which are unusually hard to propagate.

At just what stage the wood, as the

branches for propagating are called, i-

in the best condition to root easily is

ally the young wood, which is soft and

brittle, will give the best results, al-

though the old wood will often root,

but does not make as good plants nor

The cuttings should be made about

eyes, or joints, of the plant are very

close together, and the plant naturally

tings may be made smaller.

makes a short, compact growth, the cut-

cutting box or bed, and it matters little

what kind of sand it is, for general use.

twelve inches, and about three and onehalf inches deep. In these boxes place

sand to a depth of two and a half inches. Water the sand well and you are ready

for inserting the cuttings. The proper

method of placing the cuttings in the

TERIODS OF PAIN.

Menstruation, the balance wheel of

While no woman is entirely free from

periodical pain, it does not seem to have

ence. It relieves the condition that pro-

duces so much discomfort and robs men-

struction of its terrors. Here is proof:

thank you enough for what you have done for me? When I wrote to you I

was suffering untold pain at time of

menstruation; was nervous, had head-

ache all the time, no appetite, that tired

feeling, and did not care for anything.

I have taken three bottles of Lydia E.

Pinkham's Vegetable Compound, one

of Blood Purifier, two boxes of Liver Pills, and to-day I am a well person. I

would like to have those who suffer

know that I am one of the many who

have been cured of female complaints

by your wonderful medicine and advice. -Miss JENNIE R. Miles. Leon, Wis.

If you are suffering in this way, write

as Miss Miles did to Mrs. Pinkham at

Lynn, Mass., for the advice which she

offers free of charge to all women.

DEAR MRS. PINKHAM:-How can I

151

woman's life, is also the bane of exist-

ence to many because it means a time of

great suffering.

ture's plan that women

otherwise

should suffer

Lydia E. Pink

ham's Vege-

table Com-

pound is

the most

thorough fe-

male regula-

tor known to

medical sci-

so severely.

healthy

Procure shallow boxes, about ten by

Sand is the best material to use for a

Home Companion.

root so quickly.

### THE HOUSEHOLD.

...... IN THE WINTER WOODS.

What did I find in the winter woods? Only snow-drifts, you say, and trees, Their dark stems rising like warriors grim, While their bare boughs wave in the sighing

breeze;
A half-starved rabbit, perhaps, in the gloom,
And a sigh for the vanished summer bloom.

All these, and a thing or two beside. A vine cast a shadow on the snow, In rarest scroll-work. A tree beyond By fairy hands had been decked, I know, For a Christmas frolic. Its green boughs

hung With crystal lamps that glittered and

A flock of birds, with soft gray breasts,
Brooded, silent and watchful, above a moun
Low and white, like a woodland grave
Where a dead hope might lie. I found
The track of some beast that had fled

From human eyes, o'er the snowy waste.

A peaceful stillness the arcades filled
Of the vast cathedral, gray and old,
Till a rosy sunset crept under the trees,
And the silent forest a garden stood,
In warmth and color and light arrayed.

Overcoat nanging on the half tree, so I
tucked Adelaide in his pocket.

'Stay there, my dear. I can't play
with you now. Mr. Bob is angry with
sister and I have done it, but I can't see

Are some things I found in the winter wood. -Alice Gordon.

## MY DOLL ADELAIDE. |

BY CLARE C. THOMAS.

dolls any longer. In fact, I never cared her pretty ring was on the table. much for them after I gave up my doll Adelaide. I named her Adelaide after is Mr. Bob?"

had little speckles of red in it. I shall never forget the day that I lost buggy, and began to bark flercely. I set thinking. looked in the carriage Adelaide was Wa-ait, Mr. Bob!"

back, so I had no hope of finding her cry but he couldn't. again. When I told sister about it she ting on her hat she went out to search take a nap while I was busy, and then popular blouse in its indoor form comfor my lost darling. She hunted up you went away." and down the avenue for a long while, and even asked some of the passers-by and looked at her. his coat pocket! He had been waiting, the only real happiness I ever knew." he said, for some little girl to claim her;

happened, but after that Mr. Bob Tre- me. He looked as it the sun was shinmaine—that was the young man's name ing in his face and he could hardly -used to come up very often to see sis- see. ter, and he always asked me about my "Look here, Margaret," he said, "did lovely Adelaide. He seemed to be very you mean that Mr. Lincoln kissed your fond of her, and once he told me that I doll, Adelaide, last night?" must never throw her away, for he wanted her after I tired of her. I "Yes, I did, and he can—" wanted her after I tired of her. I "And did you say that sister was thought that was queer, for generally er-crying when you left?" young men do not care for dolls.

she carried my doll, Adelaide. I went He has such big shoulders that it is a skirt of either black or gray. To make with her down into the parlor, where lots of fun to ride on them, and this waist for a lady in the medium size often difficult to determine, but generally the waist for her. She had Mr. Bob was waiting for her. She had time he went faster than he ever had be- will require four and three-fourths been afraid that he would not like her fore. We went into the parlor very yards of twenty-two inch material, with dress, so she asked him in just the way quietly. He lifted me from his shoulders I do when I think I am going to be and going over to the couch put both

"Do I look like a little girl?" took hold of both of her hands as he doubting you?"

I had never seen either of them act so ther than I am.

The very next day Mr. Bob came up as she talked to him. and talked a long while with mamma. "Mr. Bob," I said very politely, "may I noticed when sister came out of the I have Adelaide, please? It is time for

room that she had a pretty sparkly ring me to put her to bed." on her finger, and Mr. Bob was looking Mr. Bob took her out carefully. mamma says,-

Margaret, if you are good."

day, and the other young men did not dearly, but he wanted her so much come very often. I was glad of it for I that at last I gave in. liked Mr. Bob best. He always talked up to her, I saw her make a little face, Adelaide. just as I do when I have to take nasty medicine.

One evening he stayed a very little while, for I was still staying with Adelaide out in the hall when he went. Just to tease me, I suppose, he picked the child up, kissed her and put her in his pocket, pretending that he was going to take her with him. I was very angry, and washed Adelaide's face after

he was gone. The bext day, when I was sitting looking at. We live in no chance world. quietly on Mr. Bob's knee, he asked,— It has all been thought out. Every

ing about?" are than Mr. Lincoln," I said slowly. "I mere work of a great master we are don't like Mr. Lincoln."

lowed a pin and was going to choke. temporal world—the eye for seeing it, and many are very much narrower

"Are you sure, Margaret?"

"Oh, she didn't mind; she only aughed. I believe she liked him to do it," I added crossly, for I was angry with sister for not scolding him.

have thought it possible. although sometimes I have feared---Just then sister came in. "Good afternoon, Miss Wyman," he said, as if he were speaking a piece in school. "Your little sister has been telling me some interesting stories. If she were not very truthful they would

Mr. Bob began to talk to himself.

All the pretty color had gone out of sister's face, and she looked very queer,

be hard to believe.'

"But she is very truthful, she never told a story in all her little life," she said in a very, very quiet way, and kissing me she added, "go now, dear." I held Adelaide tightly and went out into the hall to think. I saw Mr. Bob's overcoat hanging on the hall tree, so I

how. I guess I'll go tell mamma."

But mamma was not home, so not knowing what to do, I went up-stairs and began to cry. Presently I heard the front door close, and I ran down hoping to see mamma. But no one was there. Worse than all, Mr. Bob's overcoat vas gone, with Adelaide in the pocket!

It happened a long while ago, when I I burst into the parlor-no Mr. Bob was a very little girl. I am almost four- was there. Sister was lying on the teen now, so of course I don't play with couch with her face in a cushion, and "I want Adelaide," I said. "Where

my older sister, for they looked very "He has gone," she answered, and I much alike. Both had large brown knew by her voice that she was crying. eyes and curly brown hair, only sister's "He will never come back-never,

never!" I waited for no more, but darted out my lovely child. I was riding her up and of the front door and down the street as down the avenue, and neither of us were fast as my legs would carry me. I saw thinking of danger when suddenly a big Mr. Bob far ahead. He was walking dog appeared, overturned the little doll slowly, and his head bent as if he was

the carriage up again and ran off as fast "Mr. Bob! Mr. Bob!" I cried as as I could. When I reached home and loud as I could. "I want Adelaide!

At last I made him hear, for he turned It was growing too dark for me to go around. He looked as if he wanted to

"I want Adelaide," I said. "She is was almost as sorry as I was, and put- in your pocket. I put her in there to

He drew her slowly out of his pocket

if they had seen anything of the poor "I am going to kiss her, Margaret," her question, drew my Adelaide out of I buried my kitty, "for she brought me

"You shan't!" I said, stamping my but as he had missed seeing me he would foot. "You have made sister cry and I come home with sister, so that I could hate you! I like Mr. Lincoln ever so thank him myself. Wasn't that nice of much better! I'm sorry I was so cross satin are included in the right shoulder very smart and quite expensive. him? But the queerest part of it was when he kissed Adelaide. He shall that when I did thank him he was so kiss you'as often as he wants, shan't busy talking to sister that he did not he, Ade aide?" And I clutched her tightly.

I never quite understood just how it I started to run, but Mr. Rob stopped

"Yes, and I 'spect she will get sick One night, quite a long while after-ward, sister went to a fancy dress party. "Come," he said, "put Adelaide She looked awfully cute, for she was back in my pocket and sit up here on and while the waist is shown with a dressed just like a little girl, with her my shoulder. We will go to sister and braids, and make her laugh again.'

of his arms around sister.

"My own little girl," he said very Then his eyes were all shiny, and he low, "can you ever forgive me for

said,—1. Mr. Bob is a very funny man. He "Yes, and you are one—my little always talks to me as if I was a very big girl and to sister as it she was lit-

queerly before, so I thought that I He had forgotten that Adelaide was still in his pocket, but I had not. Of course I was in bed when they However, I went out of the room for got home, but sister told me that some-thing very important had happened that back sister had stopped crying, and

at her just as I look at candy when "Say, Margaret," he said, "if you will give me Adelaide I will send you "You can have some in a little while, up to-morrow the biggest and prettiest doll in the city.'

After that Mr. Bob was there every I hated to do it, for I loved Adelaide

The next day the most beautiful doll did not call me Midget, as Mr. Lincoln store. I named her Roberta, after Mr.

HELP ONE ANOTHER.

"Help one another," the snowflakes said As they cuddled down in their fleecy bed.
"One of us here would not be felt,
One of us here would quickly melt; But I'll help you, and you help me, And then what a splendid drift there'll be."

"Anything that God made is worth 44 Well, Margaret, what are you think- where work has been spent on it lavishly--thought and work-loving thought "I was thinking how much nicer you and exquisite work. . . . As the drivne to look-deliberately and long-

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7275-Ladies' Case ue Waist with Blouse

The most popular variation of the and it is joined to the skirt of the gown bines the plain back with the pouched front. The model shown is suited to als in which flounces and ruffles show both silk and soft wool stuffs such to great advantage. Cloth and heavy as cashmere and Henrietta; but as illus- materials do not look well, and the the certre-front. The yoke and front of principally of stiff taffeta which are seam and hook over on to the left and beneath the left-front while the edges of the waist proper are laid over it and finished with a cord of green silk. The full fronts turn back to form tiny revers that are self-faced, and the left side hooks invisibly into place. The sleeves are two seamed. They show slight ful-ness at the shoulder where they support the slashed epaulettes which are of the satin lined with silk, and are finished with a cord. The extra length is turned back at the wrists to form narrow cuffs, satin-faced. At the neck is a full collar of the green satin and at the waist a full belt and bow of the same. The whole effect is chic and stylish in the extreme, skirt of the same material, it is eqally suited to the separate bodice worn with three-fourths of a yard for yoke and front. This pattern, No. 7275, is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure. With coupon, 10 cents. three inches long, depending somewhat on the nature of the plant. When the



The stylish skirt here shown may be to me as if I was of importance, and he that I ever saw came up from the as preferred. The essential features are made with or without the front seam, the sheath-like fit over the hips and the did. I did not like Mr. Lincoln a bit, Bob, and I used to play with her flare at the feet. The seam is used by and I knew that sister did not, either, sometimes. But, as I said, I never many leading modistes and omitted by for once when Susan brought his card cared much for dolls after I gave up others so that either method is equally in style. As illustrated, the material is plaid showing lines of silk and is mounted upon taffeta with an interfacing of hair-cloth six inches deep; but any wide material is equally suitable and percaline or silesia can be substituted for the silk. The front and sides are circular but the back is gored, the fulness being laid in deep plaits which are not visible at the waist line but produce the fan effect. To make this skirt for a lady in the medium size will require three and one-half yards of fortyfour-inch material. The pattern, No. 7291, is cut in sizes for a 22, 24, 26, 28 and 30-inch bust measure. With coupon, 10 cents.

don't like Mr. Lincoln."

"We agree there," he said laughing.

"There are several new styles in skirts secondly, God made me to look at which have lately made their appearinglit when he kissed Adelaide. I don't them. He who made light made the like to have any one but you kiss Ade- eye. It is a gift of the Creator on pur- ance, there is much interest felt as to laide."

pose that we may look at the things
All of a sudden Mr. Bob looked very
which are seen. The whole mechanism
white and queer, just as if he had swalof man is made with reference to the "Tom Lincoln kissed Adelaide?" he the ear for hearing it, the nerve for feel- around the foot. On the other hand, said so sternly that I quite jumped. ing it, the muscle for moving about it there are some quite wide-flaring styles "Are you sure, Margaret?" and getting more of it. He acts con-"Why, of course I am! You know trary to his own nature who harbors gowns. The favorite model at present that I rever tell stories, Mr. Bob. It even a suspicion of the things which are is one of the French ones, which has was tonen he was going, you know; seen. . . . God has not merely very often been described. It has an she was sitting in the hall chair, and—" made the world, he has made it con"What did—your sister say to it?" spicuous.---Drummond.

made the world, he has made it conspicuous,---Drummond. point, the end of the point reaching to

within a few inches of the hem of the sand is to make a number of deep cuts water, and when the prunes are quite skirt, or else it can be in a round shape. in the sand with a knife, nearly as deep. This is put on to a wide flounce, which as the sand, and close enough together then remove the stones and lay the at the back extends to the belt, and so that the rows of cuttings will touch. there are a great many different ways In these incisions insert the cuttings, so of arranging it. Sometimes the apron close as just to touch each other. is put over the flounce, again it is put they are placed in the sand, pinch the under, and there is considerable fulness sand firmly about each cutting. About allowed in the back breadths as well as half of the cutting should be in the sand fresh eggs, and when very cold remove in the flounce. One modification of the and the other half above. ame style has the sides and front of the After this is done the sand should be tween some very thin slices of buttered flounce put on the bias, with the back watered well again to settle it firmly

breadths plain. In thin material it is about the cuttings, then placed in a often accordion-pleated, and at the back warm, light location, where, if possible, spreads out like a fan. This is especial- some heat may be applied to the bottom smart in taffeta silks; and plain of the box, which will hasten the rooting black taffetas with a band of velvet process. While the cuttings should have to the egg makes a pleasant change. around the bottom of the skirt, and plenty of warmth and light, it is best to again where the apron is put on, are extremely effective. This model is to be made up in the spring in all the differ
While rooting, water the cuttings ent materiais, and as it can be changed daily, soaking the sand well. They to be becoming to any figure, will be in must never be allowed to dry out.

fashion for some time. It is not a very Although it was considered years easy skirt to cut and fit, and great care ago to be quite essential that an eye be blackberries, raspberries, can be made must be taken to have plenty of room left at the end of each cutting, that into say. in the front piece if it is made for a theory is practically abandoned now, stout woman, for if it is at all narrow, and little attention is paid to it. It is or dragged up too far towards the back, well in making the cuttings to reduce it will outline the figure in a very awk- the foliage somewhat by cutting and trimming the leaves.

Ruffled and flounced skirts will be seen in great quantities this coming sea-These frosty nights are capital for son. The only thing to worry about is that they will be such a craze probably that they soon will become very exchange. The factory smell may be common. One style is made with small removed by boiling it up in strong suds, ruffles put on straight around the skirt using one tablespoonful of pearline to a from waist to hem. Another style has pailful of cold water, being careful to the ruffles shaped so that they meet in a have sufficient suds to submerge the point in the front. Still another has cloth. Only one-half a piece of muslin Principal Boston Cooking School, the flounces shaped deeper at the back can be put into the boiler at once. Althan in the front; then there are differlow it to boil fifteen minutes after it ent styles of flounces-some cut in comes to the boiling point, stirring it points and put on in box-pleats, others down with the clothes stick. Rinse thorcut in scallops. Some are made quite oughly and spread upon clean snow or plain, three deep flounces, one overlap-ping the other. The skirt on which the grass, sprinkling every night for a week, when it will be quite white from the alflounces are sewn is cut like an orditernate sunning and freezing. nary dress skirt, most carefully fitted and hung, but is not so wide as the

Simple recipes for children's food are given in Trained Motherhood

plain dress skirt. It is made separate trom the lining, finished with a wide Simple Pudding .- Half cup of rice, hem or facing, and no stiffening. The lining is, as a rule, of silk-always, if one quart of milk, two eggs, half cup of possible. It is fitted as carefully as a sugar, teaspoonful of salt. Boil the dress itself; is finished around the foot rice and milk until it is entirely smooth, then add the eggs while it is hot, and rice, Cal., Chicago, Ru., St. Louis, Mo., and Denver, Colorado. slowly beat in half a cup of sugar and a pleated and trimmed with a ruffle. All little salt. Put this mixture into a mold. When cold cut in slices and eat with cream and sugar or maple syrup.

There are many light-weight materi-Grandma's Hard Gingerbread.-One and a half cups of molasses, half cup of sugar, one cup of melted butter, one child. Finally a young man, hearing he said, and he talked just as I did when trated it is made of white taffeta with flounces drag in an ugly, ungraceful egg, two heaping teaspoonfuls of yellow perpendicular stripes of pale green over fashion. The stiff silks and the thin ginger, one teaspoonful of baking powwhich twine vines of pale rose, the yoke summer goods are always effective in der and just flour enough to roll very being of plain green satin. The foun- anything like ruffles, and already there thin. Roll and cut in small square dation is a fitted lining which closes at are many ready-made flounced skirts, pieces; lay them on a sheet of tin or on the bottom of a new, well greased baking-pan, and bake until crisp and brown in a very quick oven.

Prune Sandwiches .- Stew a pound During the month of February is a of the best prunes with a very little of good time to commence propagating the New Orleans molasses added to the

prunes (drained from all juice) between slices of buttered bread. This is a suit-As able sandwich for school children.

Egg Sandwiches .- Hard boil some shells, cut in thin slices and lay them bebread. Remove the crusts from the bread and cut the slices in long strips or in three-cornered pieces. Season with celcry salt or plain salt and a little pep-Sometimes a leaf of lettuce added

Currant Say .- To a quart can of currants add half a teacupful of vinegar, a teacupful of sugar, a teaspoonful each of ground cinnamon, mustard and salt, SAVE YOUR boil until a little thicker than catsup. Any small canned fruit, strawberries

Cranberry Butter. - With a sharp knife cut each cranberrp, cook in a little water until soft, sweeten, season with cinnamon and cloves and boil until Keep Them Clean, when cold it can be cut in slices .- Sarah E. Wilcox in Ohio Farmer.

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### OUR HOMES.

..... AABRHAM LINCOLN.

BY THOMAS CALVER. As some great oak that lifts its rugged form

And spreads it's arms upon the mountain's crest, Vithstands the blows of fiercest raging storm While huddled flocks within its shelter rest; and then, while sunshine glids the scenes

By lightning lurking in a passing cloud heart is cleft from top to parent ground s robe of verdure burnt to rusty shroud.

Lincoln stood through War's tempestno His country's honor sheltered in his heart, on his station's heights, unswerved, sublime,

By Heaven for potent purpose set apart: And as he saw the angry clouds retire, His trust yet safely to his bosom borne, Then fell the lightning stroke with mission

That left a Nation's soul with anguish torn.

The modest ways, the martyr's mournful told them I had come to save thy son." Might well have filled the blackest heart with

shame Ere it could bid the smiting hand to rise:

he witchery of the pathetic smile That told the story of the burdened mind reason's light had failed not to beguile The morbid murderer to mood more kind. he mountain path to danger often trends, or envy's arrow seeks a lofty mark; ruler loved and blest by foes and friends

lay stir the ire of minds with madness dark they reck not what their acts may bring Of peril to the welfare of the State; or care they as destruction's shaft they fling How great the damage, if it but be great. ortal Lincoln! For his strength above

yet it is his weaker side we love,
sweet humanity and simple ways;
though that strength of soul and nerve corpse?"

hey should lose their heads the next

irection messengers had been des- new life through his veins." atched, bringing with them on their "Do so, then!" eturn to the palace venerable men, with white beards, who solemnly nodded smile: "It is necessary that I should their heads—surmounted by caps of yel- first know what you are willing to give ow silk -and murmured sacred words. me in exchange." proved an utter failure. Never before, afresh. eclared one and all, had they encoun- "Wretch!" exclaimed he, "stopping e found.

hey should be conducted through the this outburst. own, preceded by heralds on horse "He who lies there, I would have back, who should publicly proclaim that thee remember, is thy Emperor's child, these men were sentenced to an ignomin- the offspring of the gods who reign in ous death, because, whilst pretending the depths of the clouds !"

And now, standing by the couch of thou wouldst have no need of an old he suffering child, clad in his golden man's aid." armour, with his crown upon his head and his scimitar at his side, the Emperor held his son's hand in his self of thy mysterious faded flower!" moth Mr. not? whilst he—the master—stood by,

and motionless in their black uniform it myself." and motionless in their black uniform decorated with the twelve symbolic animals. Beyond stretched the grand marwhich thou requirest, and they shall be aware of any.

all sorts of pleasant things.

Grace (without looking up)—I'm not dear.
how it staircase, brilliantly illuminated by paid down at once." ot light, these sabers, arrows, and lan- treasures." es would suffice to frighten him away!

In the town life seemed suspended. river-bank, and the shops were my age they amuse no longer.

est heaved painfully; a strange, gasp- fore thee.' ng sound issued from between his chat- Again the stranger shook his head. ring teeth, and at times his poor little essed and suffocated him.

In the adjoining apartment, the Emess surrounded by her women, who I will obey." ere lying upon the floor, was herself neeling, and, in spite of the silken he bowed his head for the first time in ingings and doors of brass, her sobs his life. He continued: ing on him his large, deep eyes, in ver armor? ers, with their big sabers, could do his mouth opened, but no sound came thing to ease his pain.

At a sign from the Emperor, the resemen brandished their lances, the And flinging the scepter at the old there made a raincloud of arrows man's feet, he exclaimed: "Take that, if it is the supreme power tent to marry by precedent.

"Take that, if it is the supreme power tent to marry by precedent.

Which you ask! To me it is good for Mrs. P: I have power and the palace.

Who dares to intrude upon me?"

"An old man," replied the soldier, the solemn silence within.

"What does he want?" "To speak with you."

sncestors! I know not what restrains immediate effect. The still heart fore. (A pause.) Well? me from relieving you and your comrades of your heads! Return to your their color, the limbs relaxed, and the Grace: That's just where you left post; I will deal with you later."

The cowed soldier bowed and vanished. The others, immovable as brazen figures around him, he asked: images, and still grasping their naked sabers, awaited calmly whatever might not the hour at which I am accustomed But now, from the top of the staircase tutor?"

came forward an old man. His long The Emperor uttered a loud cry. beard, white as snow, descended to his "A miracle!" he exclaimed. "My waist. He was attired in a silken robe, child lives!" and taking his son into his which time and use had robbed of its arms, he covered him with kisses. Then original color. With one hand he leaned turning toward the soldiers, he said: upon a long bamboo stick, in the other

forth his hand, said:

"To save my son! Thou?"

who admitted thee shot to death with by all." arrows; and for thyself I will charge

cruel tortures !!! The old man smiled. marked he, "the thread which unites rest. It is not I, moreover, who hast

soul and body is extremely fine saved thy son: thou hast saved him useless to argue the matter. A girl's which.' cutioners would scarcely torture a gods the two things which alone can than a tennis ball, to be knocked this hain't heerd a word on't.'

"This chrysanthemum flower, which answered: I have but to lay upon thy son's heart,

But the old man answered, with a

Every one of these sages, however,

The Emperor's anger broke forth

The road that lies between the cross and crown.

No lot is wholly free;

tered such a baffling and mysterious ill- to discuss the price of a service, when ness as this, for which, in all the Bud- thou averrest danger to be so imminent! And it will make the bearer calm and strong. thist scriptures, no prescription was to Knowest thou not that I am the master?"

The Emperor was furious He com- "Of our lives, perhaps; of our wills, anded that, with necks in the cangue, never," was the sage's calm reply to

to be saints and sages, they had been anable to save a son of the Heavens.

"Every child of man is also a child ter Mrs. Pellander.)

of God, and if thou wert thyself a deity, Mrs. P.—Still reading, Grace?

Death should dare to touch his child aged-I have lived so long-that I desire nothing more than eternal repose. dull.

he chandeliers which brazen storks held "Riches are but vanity, and had I world's full of-of delightfultheir beaks. Helmeted horse-soldiers, wished for gold, the sacred books would ance in hand, mounted guard around have directed me where to obtain it. In Mrs. P.-My dear-there's the park, the palace. On the terraces, archers in the retirement of my cave, wherein I and-and-. war active shot arrows at the clouds, have lived without other nourishment and the bonzes had orders to beat con- than a few grains of ginger or nemphar Tister. nually upon their drums and tom-toms. and the pure water of a brook, I have sarely, if Death should chance to pass always been wealthier than thou, with near the palace, all this noise, this blaze thy gold-swollen coffers and imperial

"Dost thou desire honors?" "Wherefore should I do so? They pause.) the junks, with furled sails, lay idle on are playthings which please youth; at

closed. Amidst the glare of torches and the blare of gongs, wailing men will build thee a magnificent temple.

One hundred columns of bronze overand women, with outstretched arms One hundred columns of bronze over- treat Mr. Tister with as-well, hardly and faces pressed against the earth, laid with gold shall support the mighty prostrated themselves before a colossal roof. A thousand lanterns of iron and stone Buddha seated upon a lotus leaf, whose classed hands rested upon his whose classed hands rested upon his large. Some work shall be illuminated perpetwhose classed hands rested upon his large. Some work shall be illuminated perpetwhose classed hands rested upon his large. Some work shall be illuminated perpetme until the very name has become

The farm, too, is tilled by one who ne'er dreams. And in the imperial chamber, under chant thy plant the first transfer of the first trans

enched hands seemed trying to throw of the gods, and no mere man has the ff some invisible weight which op- right to compel another human being to of Mr. Tister to call upon us occasionworship him."

"What wilt thou, then? Tell me, and As the Emperor attered these words,

arched the ears of the sick boy. He countries of the sick boy.

hich seemed now to burn a mysterious But the old man still shook his head. ght, he inquired why his mother was Suddenly the sick child gave a long sigh, t at his side, and why all those sol- his hands stiffened, his head drooped:

> therefrom. "He is dead!" cried the Emperor

on, looking at his son, the Emperor nothing, seeing that I am powerless to you---

ot of the staircase, and the Emperor A great silence brooded now over the med his eyes wrathfully in that direc- vast, richly decorated chamber, where sport. Who had dared to cross the thresh- the only person who remained standing of his palace at such a time? His was the aged, white-bearded mendicant. and, disengaging itself from that of The sun shone into the room, and his son, sought the hilt of his scimitar. cheerful rays glinted upon the arms of Then a soldier appeared in the doorav, and prostrated himself before his

Without, on the camellias and bamboos me.

"Ye see, Jones hes ben promisin' fer of the imperial garden, the birds were Speak!" commanded the Emperor. caroling gaily. Their songs were for a moment the only sounds which broke

> Then the old man extended his hand. and gently laid the chrysanthemum first you upon a very serious matter. upon the lips, afterward upon the heart,

young Prince raised his head. Surprised at the sight of the kneeling

"Why do you weep, my father? Is it the affair at all. to go down into the garden with my

"A miracle!" he exclaimed.

"Go! summon the Empress; then impossible. he held a withered chrysanthemum hasten to the town, and proclaim to all that I order a general rejoicing. The The Emperor uttered an exclamation Prince is saved! There must be illumi-Grace: of rage, but before he could make any nations at night. My treasurers shall perfurther sign, the stranger, stretching ambulate the streets, scattering gold "They allowed me to pass when I the bells are to be rung, and in the tions proved it? old them I had come to save thy son." temples the bonzes shall sing the praises Grace: They And the old man, regardless of the he continued, addressing the old man, menacing soldiers, advanced toward the "thou shalt not be forgotten. From "By the rising sun!" vowed the Em- right hand, on my throne, and thy lightperor, "if thou liest, I will have those est wish shall be esteemed a command father.

my executioners to invent the most "I have need of nothing." he said, 'When one has reached my age," re- long, I hope to enter upon my eternal

French.

### THY BURDEN.

To every one on earth God gives a burden to be carried down He giveth one to thee.

Yet, lest it press too heavily and long,
He says, "Cast it on Me,
And it shall easy be."
—Marianne Farningham.

mother. (A pause.)

own and waited, but wept not. For it seemed to him a thing incredible that has for me no terror. I am now so life seems to attract you but books.

"Death, as I have told you already, has P.—My dear Grace, nothing in life seems to attract you but books."

"The trip was dear to solve the blow my refusal will deal his (sarcastically) young, tender heart, you can tell him

Soldiers armed with sabers kept But in order to render my remedy effi- Mrs. P.-Dull! The idea-at your pause. gnard around the bed, standing erect cacious, it is needful that I should apply age! Why you ought to be thinking of Mrs. P.: 1 am afraid the course of hadn't ought ter used me so hard, Mis' all sorts of pleasant things.

Grace-For example?

Grace (with great contempt) Mr. (Going.) I shall be back to lunch,

Mrs. P. (quickly) A charming man. Grace I have heard you say so. (A

pause.) Mrs. P. Mr. Tister has just left. Grace: How considerate of him. (A

Mrs. P: He called this morning. Grace: Obviously. (A pause.)

Grace: My dear mother, I am tired in the imperial chamber, under And in the imperial chamber, under And in the imperial chamber, and I will punish with and drums, and I will punish with an advise, from shopping.

Of the rainbow tint that o'er chidnood beams positively nauseating. Since we returned from Cornwall it has been nothing but Mr. Tister. One comes from a drive, from shopping. only to find either that Mr. Tister has "Temples are built to enshrine statues worse than all, that Mr. Tister is here. Mrs. P.: I'm sure it's extremely kind And my thoughts still turn so fondly to thee,

> Grace: Nineteen times in three weeks. Mrs. P.: My dear Grace I wish

you would not speak with such business-like precision.

ing, do they not? consider me blind.

Mrs. P.: My dear child. Grace: Nor a child. At twenty-two-Besides, I married extremely young. frosty.'

Mrs. P.: Thoroughly manly, fond of Fortune.hunting. Mrs. P.: And so romantic.

Grace (laughing) Romantic! Mrs. P.: My dear, when you know Grace: I saw him learning to cycle. six weeks to come an' hoop my wash-Mrs. P.: Grace. Grace .: Mother.

Mrs. P.: Grace, I wish to speak to out upon a very serious matter.

Grace: Wy dear mother.

Grace: Wy dear mother. Grace: My dear mother, you got as know it; I ain't goin' ter wait all win-

"To speak with me! By my divine of the little patient. The remedy took far as that yesterday; also the day be- ter fer my tub. I'll send it over ter

and worn, and the iron of thy exe-thyself; for thou hast offered unto the happiness nowadays is something more It is seed humanity and simple ways:
And though that strength of soul and nerve
and interest would scarcely torture a
corpse?"
And as the guards, at a signal from
the simple ways:
And as the guards, at a signal from
the simple ways:
And as the guards, at a signal from
the emperor, made way, he approached
the bed.

THE CHRYSANTHEMUM,
The little Prince lay dying. On the
ground and paper well unconscious; "Out
the yould do no more, and the
said they could do no more, and the
said they could do no more, and the
samperor had thrown them all
into
prison, vowing by his golden crown that
well scarcely torture a
gods the two things which alone can
move their infinite pity. Thou hast
way and that way, everywhere and
anywhere—her parents holding the racthe kind heart and tender eyes we find
the emperor, made way, he approached
the bed.

"I come in time," he said, gazing
upon the child, who now lay perfectly
still and apparently unconscious; "Out
the yould done here
we wayn.

The little Prince lay dying. On the
Emperor had thrown them all
into
prison, vowing by his golden crown that
we should lose their heads the next

"The Emperor bowed humbly as he
Emperor bowed humbly as he
entiones would scarcely torture a
gods the two things which alone can
move their infinite pity. Thou hast
way and that way, everywhere and
anywhere—her parents holding the
racthe kind heart and tender eyes we find
the two parents holding the rac"I move their infinite pity. Thou hast
way and that way, everywhere and
anywhere—her parents holding the
racquet. It is a possession of which she
knows the value, one she does not
choose to lose through any lase
idea of duty. And realizing as I do the
the wayn the the way, everywhere and
anywhere—her parents holding the
racit prison, value of the two parents holding the
racit prison, value of the two parents holding the
racit prison, value of the two parents holding the
racit prison, value of the two parents holding the
racit prison, value of the two prison, value of the parents holding the
r

child. "I thank thee, my father!"--Trans- Grace: No child could be dear to a Then he had sought others. In every and his cleansed blood shall flow with lated for the Strand Magazine from the mother who could propose such a critters! They looked fust at Jones an' scheme.

Mrs. P.: But---Grace: I refuse to listen. Mr. Tister has been here a full hour this morning. I presume he will call again this atternoon---he usually does. When he arrives you can give him my answer. Mrs. P.: You do not understand.

Grace: Nothing you can say will shake it. alter my decision. And if you do not choose to inform him that his presence is detestable to me, I shall take the matter in my own hands.

MR. TISTER.

Mrs. P. Will you let me explain—.

(Scene: Morning room at Mrs. Pellander reading; enlander's; Grace Pellander reading; enlander's; Grace Pellander.)

Mrs. P.—Still reading, Grace?

Grace (without looking up)—Yes, mother. (A pause.)

Mrs. P.—Charming morning, is into?

Grace—I haven't noticed. (A pause.)

Mrs. P.—What what he wishes is impossible. And if you desire to soften the blow my felse em to attract you but books.

Grace—They're interesting; life's dull.

Mrs. P.—Dull! The idea—at your saws of the interesting in the first of the interesting in the way to please, and how you please, and how you please, only get rid of him. Tell him—tell him—tell him—that (mockingly) I am extremely sensible to the honor he has done me. (Mrs. Pellander tries to stop her by action), and that I have the deepest regard and respect and esteem for him, but that what he wishes is impossible. And if you desire to soften the blow my refusal will deal his (sarcastically) young, tender heart, you can tell him that (with mocking action) I will be a sister to him. (She laughs loudly. A pause.)

Mrs. P.—Dull! The idea—at your saws of the interest of the interesting in the winking of the properties of the way that tub.'

Mrs. P.—Dull the explainton for Tell him—tell him—tell him—that (mockingly) I am extremely sensible to the honor he has done me. (Mrs. Pellander tries to stop her by action), and that I have the deepest regard and respect and esteem for him, but that what he wishes is impossible. And if you desire to soften the blow my refusal will deal his (sarcastically) young, tender heart, you can tell him that (with mocking action) I will be a my house this mornin' at seven o'clock if you was alive? You didn't come, and the my house then; so I s'posed you was o'leved. There wan't is most ten; so I s'posed you was alive? You didn't come, and respect on the miner vits most ten; so I s'posed you was o'leved. There wan't one of 'em but Jones had disappinted, and the way beament; henury 1224 tee house and wagon was proved to lander's; Grace Pellander reading; en- only get rid of him. Tell him--tell

-How absurd. Why, the to your mother's second husband.

For the Mass. Ploughman. I SING OF THE PUMP.

Than richest of wines from over the sea!

Ah! years have rolled on while vanished in

As backward we turn to our youthful prime been or that Mr. Tister is expected, or The long vanished years now hold me in thrall. With the hopes and fears and love crowning

## JONES'S LESSON.

Old pump in the lane by the red apple tree. Salem, Feb. 7, 1898. —Charles E. Trow.

"It's a snappin' cold mornin'!" and Grace: Why not? Nowadays these Farmer Hinckley stamped the snow from affairs come under a commercial head- his feet and hurried to the fire to warm Character is, for the most part simply his chilled hands.

Mrs. P.: Really, Grace, you—
It was early but the fire on the hearth furst.

Grace: My dear mother, please don't was blazing briskly, and a kettle of clothes swinging from the crane sent up clouds of steam.

"Lud? ye ain't hearn o' that, hev ye?"

it ter the store yestidy. What's it about his hands .- Drummond. anyway? "Wal, seein's you've hearn part, I

sakes!' says I; 'ef this don't beat all. year at 5 per cent. Grace: O yes I do; quite well. And You don't mean ter say you're alive?'

remember, ye said yestidy that you'd be

GEMS.

The washerwoman looked up and nod- that are seen that we can have any idea Mrs. P.: Not until next month. ded, as the said: "Yes, I found it pretty of the things that are unseen. Our CIDER & VINEGAR WORKS TO LEASE.

'Yes, I've got two more washin's ter looks at the things which are seen, they hen, looking at his son, the Emperor did to him:

"Sleep, little Prince, for your trusty didiers are watching over you."

But the child's eyes remained wide pen, and his breathing grew less and pen, and his breathing grew less and pen, and his breathing the pen, and his breathing grew less and pen, and his breathing are watched as distinct.

Suddenly a commotion arose at the Suddenly a commotion arose at the site of the tom-toms ceased suddenly.

The sudgestion is necessary.

Grace: No suggestion is necessary.

Grace: No suggestion is necessary.

The object of Mr. Tister's calls is as with three young 'uns ter keer fer hain't to you from the treetop, the sea will summon you. The bird will call to you from the treetop, the sea will summon you. The bird will call to you from the treetop, the sea will summon you. The bird will summon you. The bird will call to you from the treetop, the sea will time ter let the grass grow under her feet."

Mrs. P.: (with spirit) Grace: Well?

The soldiers, astounded at beholding their Emperor weep, knelt also. The filly. "What's that I heerd tell about you an' Jones?" he said at length.

Suddenly a commotion arose at the sum thought to you an' Jones?" he said at length.

Wrs. P.: Theronghly manly fond of the ter-day," was the reply. "A woman with the steeply. "A woman with the seen, they shill summon you. The bird will call to you from the treetop, the sea will time ter let the grass grow under her feet."

Sinch the state, 20 miles from boston. S minutes the releast to you from the treetop, the sea will do do arres, well divided; soil time ter let the grass grow under her feet."

The soldiers, astounded at beholding the call also. The soldiers, astounded at beholding and the sun, before he sets with irrelative to you from the treetop, the sea will do to you from the treetop, the sea will do to you from the treetop, the sea will do to you from the treetop, the said to you from the treetop, the said to you The woman gave a laugh as she said: mined that, whether he be seen or no, no living soul shall tread his earth with-"Yes, they was pesterin' Jones about out being spoken to by these works of

## Wanted in Dover, Mass.

tub, but I couldn't git him started.

"He'd set fust one time, 'n another,

mbulate the streets, scattering gold and silver money to the populace. All it the bells are to be rung, and in the temples the bonzes shall sing the praises of the mereriful golds to the accompaniment of the festal gongs. As for thee, "if the other interesting the praises of the mereriful golds to the accompaniment of the festal gongs. As for thee, "if the other interesting the praises of the mereriful golds to the accompaniment of the festal gongs. As for thee, "if the other interesting the praises of the mereriful golds to the accompaniment of the festal gongs. As for thee," are thought the other interesting the praises of the mere the other interesting the praises of the mere the other interesting the praises of the mere that the praises of the mere thanks the praises of the mere that the praises of the mere that the praise of the mere thanks the praises of the mere thanks the praises of the mere thanks the praise of the mere thanks the praises of the mere thanks the praises of the mere thanks the praise of the mere thanks t

self. I wish you could ha' seen them critters! They looked fust at Jones an' then at me.

""Who's dead?' said he, all out of breath.

""Why, you are,' says Joe.
""I guess not,' says Jones. "I ain't heerd on't."

"Then I stepped forrard. "Lud sakes!' says I; "ef this don't beat all.

You don't mean ter say you're alive?'
An' I grabbed his hand an' begun ter shake it.

"'Alive?" says he, touchily. Of course I be. Who said I was dead?"

"'Nobuddy,' says I, 'but don't you remember, ye said yestidy that you'd be remember, ye said yestidy that you'd be.

if from everybuddy," he said.

"I'm glad on't," said the woman. "I hope it'll make it easier fer Mis' Jones an' the young 'uns. If there's anything on airth I hate ter see, it's a shif'less man!"—Boston Post.

DOUBLE VALUE in this 20 acre farm. Why?

1st. Because it is nine miles from Boston markets and is run as a market garden farm. 2nd Every foot is valuable for building lots. Only two minutes to station, 40 trains daily; water, lights and electrics throughstreet. Large cottage house 12 rooms, steam heat; barn 42.460 with sub cellar. 75 ft. carriage shed, 300 feet frame for winter sash. Sold on very easy terms as a whole or it sections, or will exchange for property on the O. C. R. R. or in R. I. Personally examined.

Life is the gradual enfranchisement of our faculties.

Length is a foolish dimension. A chip will float where a man of-war will founder; an epigram will outlive an epic; songs and proverbs are all that is left of Solomon.

My character today is, for the most part, simply the resultant of all the thought I have ever had, of all the feelings I have ever cherished, and all the deeds I have ever performed. It is the entirety of my previous years packed and crystallized into the present mo-

and crystallized into the present moment,—so that character is the quintessence of biography; so that everybody who knows my character—and there is no keeping character under cover—knows what for forty or more years I have been doing and thinking. Character is, for the most part simply habit become fixed.—Charles H. Park hurst.

"Look at the things that are seen, because it is only by looking at the things that are seen that we can have any idea

"Look at the seen that we can have any idea" the seen that we can have any idea

"Look at the things that are seen, because it is only by looking at the things that are seen that we can have any idea

"Look at the seen that we can have any idea to see that the seen that we can have any idea to see that the seen that we can have any idea to see that the seen that we can have any idea to see that the seen that we can have any idea to see the seen that the seen

Mrs. P.: Not until next month.

ded, as the said: "Yes, I found it pretty
fosty."

Grace: Possibly, but I am not cone ent to marry by precedent.

Mrs. P: I have never suggested that

Mrs. P: I have never suggested that

ded, as the said: "Yes, I found it pretty whole conception of the eternal is deformed to the frost of the timings that are unseen. On the temporal."—Drammond.

"You're out airly," said the man, as he drew a chair to the fire, and sitting astride it. proceeded to toast his back.

Nature is never and nowhere silent. If you are apathetic, if you will not sale. J. A. WILLEY, 178 Devonshire St.

ACRES on MAIN LINE B. & M., ten miles from Boston. Soil very best of black loam. Fruit consists of 80 apple trees, 40 plum, 36 peach, 6 cherry, 6 quince; 15 shade trees. House 10 rooms and bath; stable 30x32, cellar under all. All buildings painted and blinded and built three ears ago. Price \$5500.

YORK COUNTY, MR.,—1 mile to village, 6 to station. 100 acres nicely divided, fles on southerly slope of beautiful ridge. 10-room house and ell. Barn 37x65, several out buildings. Assessed \$2100, F. & C. Will sell farm, tools and horse \$1700, \$600 down, or farm alone \$1500, \$500, bal. \$100 yearly. Good place for summer boarders, and for poultry raising.

2-ACRE VILLAGE place in A1 order near P. O., stores, etc. \$1500.

far as that yesterday; also the day before. (A pruse.) Well?

Mrs. P.: You make it so difficult.
Grace: That's just where you let to off on Wednesday.

Mrs. P.: (annoyed) I really don't see why I should consult you regarding it the faffir at all.

Mrs. P.: I consider my daughter's horbit with him; but he's gone back and where should use more more morning of l'an alive. When the my hard in the mission of the more more morning of lands, wood shade, wood shade, wagon house, piggery and blockber of lands, wood shade, wagon house, piggery and blockber of lands, wood shade, wood shade, wagon house, piggery and blockber of lands, wood shade, wagon house, piggery and blockber of lands, wood shade, wagon house, piggery and blockber of lands, wood shade, wagon house, piggery and blockber of lands, wood shade, wagon house, piggery and like the mission of lands, wood shade, wagon house, piggery and like the mission of lands, wood shade, wood shade wood shade, wood shade, wood shade wood shade, wood shade, wood shade, wood shade, wood

NEVER BEFORE offered for sale; been in family 30 years; 1½ mile from station on Fitchburg R. K., 25 miles from Boston. 35 acres tillage, 30 pasture, 30 wood, keeping 15 head, 3 horses; 8 room house good repair, several freplaces. Barn 86x30, with 18 tie-ups, 3 stalls; several other out-buildings. Cider mill, running order, good repair, 25x1s; good view of village order, good repair, 25x1s; good view of village order, good repair, 25x1s; good view of village 1½ mile away; 350 apple, good variety, 12 cherry, 170 peach (just beginning to bear) 15 pear, 8 plum, 6 quince, 30 grapevines, ½ acre strawberries (2 yrs, old) 1 acre asparagus. Price \$4000, ½ cash; stock and tools at appraisal if wanted.

TWO HUNDRED ACRE Connecticut River Farm. 80 acres in tillage; 60 of this being in one field. Perfect land; every foot tillable and very productive. 70 acres pasture, 50 wood and timber. 300,000 feet timber ready for market. Mill less than ½ mile of farm. Nice old style farm house, some 12 or 14 rooms. Barns 100x50 and 132x43 and connected; piggery 127x15. All newly p. 1 and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never failing springs. 150 ton silo. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 55 head cattle, 5 horses, 30 sheep and 50 swine. This farm is only four minutes from station; stores, churches, and schools near. This valuable property is offered with or without stock and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A. WILLEY.

Level, free from Rocks—½ mile to stores, P. O., Schools and Church; barge passes door to meet every trai. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for partier, and in fall to gunners. Large strawberry bed, apple o chard of 200 bbls. in season. Price only \$2800. and only 25 miles from Boston Lake is ½ mile long, same wide, Photo, at Office,

FISSEX CO. - Farm 150 acres. 2 miles to RSSEX CO.—Farm 150 acres. 2 miles to Station. I mile to electrics; 30 acres English mowing. 45 pasture, 25 meadow balance woodland, cuts 50 tons nay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct, House 2 story, 12 rooms in good order, Barns 36x60 and 32x40 with sheds, corabarn, work shop, etc.—Price \$9000, Suitable for gentleman's farm or country residence, in towa of low tax rate.

indif you desire to soften the owner and if you desire to soften the owner of the second desire to soften the owner of the soften the owner of the soften to your mother's second husband.

(Grace is too astounded to speak. Beli heard off.)

Mrs. P.: Ah! I promised Mr. Tis-Mrs. Promised Mr. Tis-Mrs. P.: Ah! I promised Mr. Tis-Mrs. P.: Ah! I

130 ACRE FARM—30 in tillage and mowing, 6 in a fine young orchard in bearing, balance pasture and woodland, watered by springs. Keeps 12 head cattle and 3 horses. Land in fine shape having been run as milk and garden farm, produce having taken numerous prizes at Fal's House cottage style, 7 rooms, paintee and blinded. Barn 20x60, nearly new and painted, sheds, combarn, poultry house and large root-cellar in barn, 114 mile to village, P. O. and Station on main road 21 miles to Boston. A well kept and money earning farm. Price \$3500,—\$2000 cash, might consider a smaller payment.

MANY SIZE, Drice or location desired Address MASS. PLOUGHMAN

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### THE HORSE.

Oats for Colts.

Few farmers seem to realize that the the first winter is "toughen" the colt, salt, pepper and softened crackers. and in many cases he becomes so

find a straw pile that is unoccupied by milk before adding to the chowder.

horse in the good sense if given proper in taste. food. And, taken all in all, there is no STEWED KIDNEYS .- Remove the fat

these are the basis of strength.

"It is especially important that the neys. snow is on the ground.

grow very little the first winter.

"What is worse, the colt thus underfed is likely to have its digestion in- enough to give a pleasant flavor and jured. The hull of the oat prevents it would be liked by most people unless from injuring the colt when fed in such the flavor of curry is very distasteful. small quantities. Towards spring the

"What is ten bushels of oats in comthrifty horse instead of having an un- oven about fifteen minutes. thrifty one?"-Farm, Field and Fireside.

## Horse Notes.

cise they should have; and there is no question but that our mares will breed better if kept regularly at farm work than if allowed to get fat and lazy.

things when he becomes familiar with and stewed and strained tomatoes; seawhat formerly affrighted him. Let him son with salt, pepper and paprika, also a little sugar or soda if the tomatoes make the closest acquaintance, and reacid. member that you must familiarize him butter slightly, cover with the sauce, with both sides of the dreaded object. and pile on each the beaten white of an

stir a pint of wheat flour into a half long enough to set the egg. Serve with pail of water and give it to the mare to the remainder of the sauce around the drink; inside of 48 hours the colt will eggs. probably be all right. Treat nearly all this. Beat the whites with a fork rathmother's milk.

horse when coming in from a drive more of them may be reserved for use in other dishes. These are very pretty or from work in wet and stormy weather, rub them with sawdust; this at ladies' luncheons. quickly absorbs the moisture, and will dry the limbs quicker than a rubbing with straw or cloths, and prevents both colds and scratches. Place the foot in a box of the sawdust, and the work will be done easily and without wasting.

There are plenty of "hoss doctors" in the land, but from both the humane first mixture, also fold in slowly the and the financial points it would be bet. ter if we had more capable veterinary surgeons. One possessing any scientific average size. This is a noble profession, and no one need be ashamed to be a community cause to be ashamed of him. -Indiana Farmer.

-The trotting mare Alice Leyburn, 2.29 1-4, by Baron Wilkes, died recenton shipboard on her way to Vienna, Austria. This mare, with her mate, Georgie M., was shown by Mr. C. M. Reed at the last New York Horse Show, where they won several ribbons. The o'clock, at the rooms of the school, 372 week after the show they were purchased Boylston St. The subject will be a at \$6,200 for export to Austria.—Breed- Ladies' Luncheon, and Clam Broth with

A wise man is on the lookout for a good thing. German Peat Moss, sold by C. B. Bar rett, 45 North Market street, for horse bedding, s one of the good things of this world.

Boston Cooking School. All ingredients mentioned in the follow

ing recipes are measured level. The lesson of Wednesday morning. Feb. 16, was deserving of a larger audience but the weather was so unfavorable as to cause a diminished attendance. Rhode Island Chowder, Stewed Kidneys, Curried Vegetables, Cream Scones, Baked Eggs with Tomato Sauce and served.

RHODE ISLAND CHOWDER .-- Cook two three-inch cubes of salt pork cut in slices, with one large onion sliced, in one-half cupful water. Parboil four

simple. The colt is left to shift for placed in the oven until the onion is a wire fence unless so fortunate as to crackers should be seftened in cold

served at the school, was delicious. The colt wou'd make a much tougher being somewhat similar to tomato bisqu,

food that is so generally raised that is so and centre from six kidneys, and soak spring rake teeth were cut for pin; to four inches. The oats are not as deep. well adapted for the colt---for all horse- in cold water. Slice, season with salt Speaking of oats as the food for butter or pork fat. About eight min- may utilize an old pile of scrap iron .horses and of their especial value as food ures will be sufficient. If cooked much Prairie Farmer. longer the kidneys will be tough and for the colt the Southern Stock Farmer require several hours' cooking to make says: "The oat is a natural food for tender again. Add to the fat in the Lorses at at any age. It has just the pan one tablespoonful butter and two kind of nutrition to make the muscle tablespoonfuls flour; brown and add and bone, and, conjoined with exercise, salt, pepper, onion juice and Worcesterthree-fourths cupful stock. Season with shire sauce, and pour this over the kid-

colt should begin to develop muscle at | CURRIED VEGETABLES. - Cook one an early age. If he is allowed free cupful each of potatoes and carrots, and room in which to run, the colt fed a few one-half cupful turnips cut into fancy 2 P. M., "Washington as a Farmer." oats daily will do all else that is needed. shapes, in boiling salted water till ten-He will even groom himself by rolling der; add one-half cupful canned peas, Song, Mrs. Thayer; In Nature, Mrs. on the ground or in the snow when and pour over a sauce made by cooking Trask; In the Home, Mrs. Nichols. two slices onion in two tablespoonfuls "Besides, a pint of oats twice a day, add two tablespoonfuls flour, one-half making only a quart a day, will keep teaspoonful curry powder, three-fourths the colt growing, when with only hay teaspoonful salt, one-fourth teaspoonful he will have a rough staring coat and pepper, a few grains celery salt, and one cupful scalded milk. Sprinkle with chopped parsley.

The quantity of curry used is only

CREAM Scones .- Sift together two amount of oats may be increased to a cupfuls flour, three teaspoonfuls baking quart at each feeding. At a quart a day powder and one teaspoonful salt; rub it is less than a bushel per month, and in four tablespoonful of butter. Add at the largest it is less than two bushels two well-beaten eggs and about one. Johnny get an education." "For what fourths inch thick, cut in diamond shape, parison with the increased value of a sprinkle with sugar. Bake in a hot

These may also be cut in strips and rolled lightly into sticks, sprinkled generously with sugar, and after baking, served with chocolate. If made without Few of our stallions get the exer- the egg, they will serve very nicely for bread sticks with soup.

BAKED EGGS WITH TOMATO SAUCE .-Brown two tablespoonfuls butter, add two tablespoonfuls flour, and brown; The horse becomes indifferent to add one-half cupful each of brown stock Toast five rounds of bread. In case of scours in a suckling foal egg; make a depression in the center,

er than a Dover egg beater and season with salt if preferred. If not so much Instead of washing the legs of the of the white of the egg is liked, one or in appearance, and are frequently served

tablespoonfuls butter, add two table- in curing disease this century has produced spoonfuls flour and three-quarters cupchocolate, add one-third cupful sugar and two tablespoonfuls of hot water: one at a time; when smooth, add to the yolks of three eggs beaten until thick and lemon color. Cool, fold in the whites of the eggs beaten stiff, and onehalf teaspoonful vanilla. Turn into a tacks of disease. Your blood must be kept ability is rarely found in our towns of buttered dish, and bake in a moderate oven about twenty-five minutes, setting veterinary surgeon unless he gives the water, so that it will cook slowly. Serve immediately with beaten cream, sweetened and flavored to taste. If an extra white of egg is at hand, it will easy to take, easy to operate.

make the souffle all the lighter. When adding melted chocolate ly from the effects of a cold contracted making ice cream or a chocolate pudding, dilute, as above directed, with hot water to insure perfect smoothness

> The next lesson will be given Wednesday morning, Feb. 23, beginning at ten Whipped Cream, Crabs a la Richmond. Sweetbread Cutlets, Creamed Mushrooms in cases, Salad Chiffonade and Pineapple Mousse will be prepared. Single admission, fifty cents.

## THE TIMES ARE OUT OF JOINT. REFLECT!!

THE MASSES want to be

HUMBUGGEDI So they buy Inferior and dangerous soaps to procure **WORTHLESS** presents, or else the dealer THE BEST IS THE CHEAPEST. If you want the BEST and PUREST soap mads, BUY the famous WELCOME and the superior WHITE CREST Soaps.

THEY HAVE NO EQUAL and Chocolate Souffle were prepared Made by CURTIS DAVIS & Co. BOSTON. MASS.

Save the orap Iron.

The pieces of old iron that accumu-The clams should be carefully washed for years, finally we made it over into a main feed, sweet corn. "tough" that he never makes a ser- and picked over, using a cupful of cold manure cart. The box we made two Mr. Ham; Don't you buy a great water, then drained. The liquor re- feet deep, five feet long and four and deal of sweet corn stalks? The process of toughening is very strained. The pork and onion may be strained. The pork and onion may be with wagon box scrap bolts. It will ber. I should prefer not to do that, himself. He may wander over a field cooked and the fat tried out, if it is deof bare corn stalks through the day and sired to avoid the odor. The parboilgrain store of our town, they had concattle and hogs. He has neither vict- This recipe came from a summer structed a sort of elevator, using the how you put in your peas and oats? were used for pulley wheels on a weight our oats. door of a barn; a hand cart was made by using the wheels of a cultivator and hang heavy articles on. These are only and pepper, roll in flour and saute in a few of the many ways in which we raise corn for ensilage to feed in the

### - ANGE NOTE.

Pomona Grange, No. 1, will meet at Holliston, Mass., Feb. 23, 10 A. M. Subject in forenoon, Poultry Culture. Address, I. K. Felch. Incubators,-Mrs. Wm. D. Rudd; How to Raise Chickens, Mrs. E. J. Stratton. Subject, Essay, Mary E. Cutler. Music,-In

## BITS OF FUN.

and oil it."-Detroit Free Press.

"Always pay as you go," said an old pose I've nothing to pay with?" "Then the change good for cattle. don't go."-Exchange.

"We are going to give up having third cupful thin cream. Roll three- resson?" "Well---we can't get him school,"-Puck.

## "THE WOODEN HEN"

The little illustration shown berewith is small only in size, but really large in magnitude when we consider that the "Wooden Hen" is no larger than a live hen, yet has double the capacity of 28 eggs, and while not a toy, is just



amusing, besides being instructive as well. We doubt if a more acceptable or more valuable present could be made to the farmer boy or girl, and we suggest that every one of them who read the PLOUGHMAN, write Mr. Geo. H. Stahl, Quincy, Ill., and ask him for a copy of his yours? handsome little booklet describing the "Wood-Excelsior Incubator. Tell him you write at the suggestion of the PLOUGHMAN.

Don't Delay-Accept at Once If you are sick or out of health, here is chance of being cured which may never happen again. Dr. Greene, 34 Temple Place, Boston CHOCOLATE SOUFFLE. - Melt two Mass., the most noted and successful physician has announced that sufferers from disease may. consult him by letter free. Write him immediful milk. Melt one and one-half squares ately about your case. You can thus get his opinion and advice without charge. Do not miss this opportunity - your restoration to health will undoubtedly result.

You must fortify your system against the at, pure, your stomach and digestive organs in order, your appetite good. Hood's Sarsapa" creates an appetite and gives digestive power. Hood's Pills are the favorite family cathartic,

## Horse Owners! Use not afford to raise hay on land that I GOMBAULT'S Balsam 77 bottle sold is warranted to give satisfaction 81.80 per bottle. Sold by druggists, or 7 express, charges paid, with full directions 8 use. Send for descriptive circulars. MCB-WILLIAMS CO., Cleve

## FARMERS' MEETING.

(Continued from Second Page.) back in milking time. The flies are almost wholly kept out of the barn by

the darkness. Mr. Thatcher: I would like to ask what breed of cows you keep to supply your "baby milk."

Mr. Ellis: Partly Jersey grades and Ayrshires-just such cows practically as you would call native cows.

Mr. Ham: What kind of feed for green feed would you consider the cheapest?

Mr. Ellis: Rye comes first. We harrow rye into our corn fields as soon summer about 35 men. cupfuls potato cubes, add the liquor late on the farm are often valuable and as corn is off and some is put in pretty from pork and onions, the juice from should be saved. The large pieces can early. We have cut rye as early as the one quart clams, the hard part of the be used for heating water at butchering last of April in Newton, but ordinarily how many cows you require one man to clams chopped fine, and two cupfuls time and often a piece of casting, by a we have been a little behind. As soon care for, to milk and take the whole boiling water. When potatoes are slight modification, can be used in re- as we possibly can, we put in oats and care of. tent determines its future usefulness tomatoes and the soft part of the claus pairing and in this way save you more peas and that is our main reliance from Mr. Ellis: My men are supposed to tent determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines its future usefulness tomatoes and the soft part of the claus that determines the future usefulness tomatoes and the soft part of the claus that determines the future usefulness tomatoes and the soft part of the claus that determines the future usefulness tomatoes and the soft part of the claus that determines the future usefulness to a soft part of the claus that determines the future usefulness to a soft part of the claus that determines the future usefulness the future usefulness to a soft part of the claus that determines the future usefulness to a soft part of the claus that determines the future usefulness to a soft part of the claus that determines the future usefulness to a soft part of the claus that determines the future usefulness the future usefulness the future usefulness to a soft part of the claus that determines the future usefulness the fu and value. With the majority of our carry of one cupful each of scalded milk and bring. We had an old mower and our early corn. From the first of Aucling out of the manure cream, two tablespoonfuls butter, and reaper that had been standing around gust until the heavy frost, that is our and dumping it in the wagon.

Mr. Sessions: I should like to ask cattle and hogs. He has neither victhatel in Rhode Island which is famous
nor drink offered him—he simply
nals nor drink offered him—he simply
for its clam chowders. The chowder as
small wheels of an old check rower

Mr. Ellis: We put in our peas,
for its clam chowders. The chowder as
small wheels of an old check rower

> Mr. Sessions: About how deep? Mr. Ellis: Our peasare put in about Mr. Ham: Do you think it pays to ration?

summer? Mr. Ellis: I have no question but that it would pay me. The only trouble cow? silage. My hope is to raise ensilage enough to carry us until we get the

feed all the year through. right from the field is better than the rousing vote of thanks was unanimous

Mr. Ellis: No, I cannot say that I audience. do. I think I would as soon have ensilage as fresh corn.

dispose of oats and peas for ensilage? "Your wife is a forehanded little Mr. Ellis: I should probably raise

some oats and peas, but I would have "Forehanded? The day I stayed at some ensilage. It depends so much to those farmers who are so situated home on account of the big snowstorm upon the season. I would have ensilage that they can pursue that course, it is she made me get out the lawn-mower enough so I could feed at least ten out of the question for the distant farmwould not take the cows off it. I would winter, and on good hav, ground corn edycan

Mr. Hadwen: I would like to ask the price that he receives for his milk, and the net profit for each cow.

of one single customer, who takes some much should be charged up to construction account.

capacity. It weighs only 15 pounds, has a the net profit, over and above food, etc., no: taking into account the construction.

Mr. Ellis: That is also difficult to say. We are satisfied that it is a rea- the morning that no one seemed to sonable profit, not more than that. I realize the lateness of the hour, until am satisfied that I could not sell it at seven cents a quart.

if you would recommend it as feasible for given by Mr. Benjamin P. Ware of farmers in the country, who sell their milk to contractors, and who receive three cents, to try such a method as

Mr. Ellis: Eventually, yes. I have en Hen," also his large catalogue of the Model no question that contractors could pay a higher price for milk properly handled on the farms. I am not deep in this question, I confess, but it has seemed to me, and I believe it to be true, that the contractors could afford to pay a higher price for the milk, and I believe, further, it is possible for contractors, retailers and farmers together to educate the consumer-not only to a larger consumption of milk, but to pay a better price. It will take some time to do it.

Mr. Sessions: It costs you some thing to deliver your milk?

Mr. Ellis: A large sum. Also, I am on land that is worth \$2000 per acre; I hire nothing for less than \$5.00 an acre, and from that t \$20.00. I have it on an asbestos mat or in a pan of rilla is the medicine to build you up, purify and to haul my fertilizer anywhere from enrich your blood and give you strength. It three to seven miles and crops back. I have a decided advantage, though, in being right in the centre of things. My teams can scatter in different directions, and go but a short distance, but the cost of my fodder is a large item, and I canam paying so high a price for. My expenses, necessarily, are entirely out of proportion to what they would be on an ordinary farm.

Mr. Sessiors: I suppose that the object of this meeting, provided by the generous editor of the PLOUGHMAN, is that the farmers interested may gain some advantage from it, and the point, it seems to me, is how near the average farmer can profit by Mr. Ellis's experi-

us, his condition and surroundings are very different indeed from those in our neighborhoods. He hires a great deal of help, and I should like to hear him

vidual, if he is willing to say.

Mr. Sessions: Can you tell us the average for the men below your fore-

Mr. Sherman: I was interested in have listened to. I would like to know

Mr. Sherman: Could one man care

for forty cows?

of the manure from the cow? gather himself at night in the shadow of them, preventing any bitter taste. The along without it. We noticed in a whole corn.

> Mr. Ellis: Forty-five dollars apiece? it does to others. I don't think I should calculate on \$45. If I did I should expect to get left.

Mr. Howe: You speak of the grains. Is your ration pretty nearly a balanced

Mr. Ellis: We think it is.

Mr. Ellis: Well, I think the pail is, that we have not been able to raise pretty good point, and I think that is a sufficient corn to put in enough en- pretty good point to judge a ration by. We are as near a balanced ration as we

sweet corn the next year, and I would cussion, suggested that a vote of thanks Price 25c. a Box. Sold by Druggists, sent by mail. ful and interesting discourse.

ly given to the satisfaction of the entire

Mr. Sessions: Would you like to and a little garrulous, to put him in the and a little garrulous, to put him in the cords, shoe Bolls when first started, and Callous of all kinds that "chair." upon producing nice milk for a good

pounds right through the sua mer, I er to follow in Mr. Ellis's footsteps.

The best milk I can make is made in

ditions and arrangements for light are also important; and so he is leading the people on to a very much higher plane stamps to pay postage. Address people on to a very much higher plane Mr. Hadwen: I mean, particularly than we were when we starte l.

tunity of submitting some sheets of his daily milk record, for the inspection of any one who might be interested. So marked was the interest during

Mr. Hadwen gave the following announcement: "The next meeting will be held at Wesleyan Hall, February 26th, Mr. J.B. Bowker: Iwould like to ask at 10 o'clock. The address will be Clifton, Mass., on "Taxation." You are all cordially invited to be present." The meeting was then adjourned.

ence. Now, we know, as he has told state about what it costs him per indi-

Mr. Ellis: It is an item that I ought to have touched upon. They range from \$18 to \$30 a month and found. Nothing less than \$18, and at the present time nothing over \$30.

Mr. Ellis: The average price 18 between \$24 and \$25. We employ in

Mr. Ellis: Oh, no. Not properly. Mr. Ward; In the production of milk, the prices have not been touched upon in one respect. I would like to ask Mr. Ellis if that is reckoned in the the cost of his milk,-the production a well fed cow is worth for twelve Sick Headache, months more than \$45. This should be counted in the income.

Mr. Howe: What do you think is the best point upon which to judge a

think possible. Mr. Hutchins at this stage of the dis-

Mr. Ham: Don't you think the corn ed by the chairman, Mr. Hadwen, a

A short talk then followed by Mr. Hadwen, who said in part: "It is quite the custom when a person becomes old the custom when a person becomes of the custom

price, and while its practice is adapted

and oats, and carrots. I used to raise do. As yet we have never had a case of above diseases that the Elixir would not case of above diseases that the Elixir would not man to his nephew. "But, uncle, sup- feed some oats and peas. I think and oats, and carrots. I used to raise and have pretty good flavored milk, but they added to its color. The carrots have a great influence. But I fully believe and approve of Mr. Ellis's course. He is approve of Mr. Ellis's course. He is Mr. Ellis: The price for milk is leading us farmers along to a higher eight cents a quart, with the exception level than that of the ordinary farmer. believe a market can be made in the country, and it should be made. His idea of cleanliness in the keeping of his cattle is an important one, and should be overlooked. The sanitary control of the country country country is a sanitary control of the country country. seventy quarts a day at seven cents: but idea of cleanliness in the keeping of his we are all the time at an experimental cattle is an important one, and should stage, so we could not say just how not be overlooked. The sanitary con-

Mr. Ellis here embraced the oppor-

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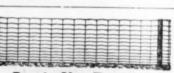
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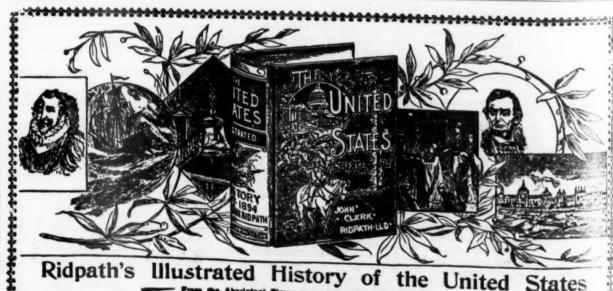


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